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THE VARIETY APPLE ORCHARD

AT ARLINGTON FARM

The following apple variety notes are based on observations recorded by the writer, H. P. Gould, during the years 1922 to 1931 on specimens sent from the orchard to the Division of Fruits and Vegetable Crops and Diseases, or to its antecedent pomological component unit where the studies were made. Observations were recorded on but very few varieties for the entire 10-year period; more often they were limited to not over 4 to 6 seasons, or even a smaller number of years in many cases. During the entire period the fruit was picked with only rare exceptions by H. W. Brunk who had general supervision of the orchard. While in some cases the fruit was picked prematurely, the continuity from year to year in the picking of so large a number of varieties by the same individual was on the whole advantageous.

Preliminary to what follows a historical statement regarding the orchard is in order. The accompanying blueprint of the orchard shows the general plan of arrangement, and the years in which the older portion of it was planted. Each section was 5 trees wide and 26 trees long; 2 trees of each variety; the varieties running lengthwise the sections. Thus, for example, a variety situated in Section B, rows 15 and 16, tree 3, could be located readily, as each tree bore a label giving name and location by section, row and tree. There were 12 sections in the orchard, each designated by a letter, A to L, respectively, though Sections K and L together, were less than half planted to trees. Each section consisted of nearly 3 acres, or a total for the 12 sections of about 35 acres.

Because of duplications, uncertainties in identification, unnamed seedlings and for other irregularities it was never possible to be sure of the exact number of varieties in the orchard, but including crabapples and certain seedlings the number must have been well over 500.

With very few exceptions the trees were all propagated at Arlington Farm and grown in a nursery there before being planted in the orchard. In the variety notes the source is given in most cases of the scions from which each variety was propagated. A large proportion of them came from two sources - The New York State Agricultural Experiment Station at Geneva, through Prof. S. A. Beach, and from a private nursery developed in Eckington, Washington, D. C. by Mr. W. N. Irwin of the Pomology staff of the old Division of Pomology which later became Pomological Collections of the Bureau of Plant Industry.

In addition, scions of many varieties were supplied by Benj. Buckman, Farmingdale, Ill., a private apple variety specialist, I. J. Blackwell, Titusville, N. J., Silvanus Gordon, Sergeantsville, N. J., D. C. Hicks, North Clarendon, Vt., The Kansas Agricultural College, Manhattan, Kansas, the Michigan Experiment Station, East Lansing, and in small numbers from many other individual sources.

It may be stated further for the record that the most of the scions from the New York Experiment Station were supplied in the spring of 1902. Those from Mr. Irwin's private collection, in 1907 and 1908. From the Pomology Journal of Receipts, it appears that the collection of scions in 1908 was nearly a duplicate of that in 1907. On inquiry from Mr. E. C. Butterfield, Superintendent of Arlington Farm for many years, it was learned that according to his recollection the reason for the second collection in 1908 was that for some reason which he did not remember in detail, there was a high degree of failure in propagating the 1907 scions.

There were also included in the older part of the orchard a considerable number of varieties obtained from foreign sources by the Office of Foreign Seed and Plant Introduction. These varieties in the earlier day were propagated and grown in a nursery on Potomac Flats (before Arlington Farm was established) and the trees for Arlington Farm were propagated from scions taken from this Potomac Flats nursery.

Nearly all of this propagating material was entered in the Pomology Journal of Receipts before being sent to Arlington Farm for propagation, each variety being given a separate Pomology number. Also when planted in the nursery each variety was given an Arlington Accession number, so that in the variety notes both the Pomology number and the Accession number are recorded for each variety, as a rule. An exception is represented by the propagating stock from the Kansas Agricultural College, the most of which, for some reason, has no Pomology numbers; also a number of lots from the Phoenix Nursery Company, Bloomington, Ill.

As may be observed from the accompanying blueprint of the orchard, the first plantings were made in the spring of 1905; others in 1906, and 1909, while some not recorded as to date, were planted in later years, although very few if any, later than 1912.

So much for the background statement relating to the orchard.

The rest of this exposition is largely explanation, "apologia", alibi, and other miscellaneous statements of varied purport, some of which, at least, adds no credit to the sum-total of the Arlington Apple Variety Orchard and the results which it produced.

In the first place, my own personal relation to the orchard: It was an unwanted stepchild! The conception of the orchard antedated my connection with the pomological work in 1901. As nearly as I know it was an Arlington Farm project but was cooperated in by the Division of Pomology, and Pomological Collections - after the Bureau of Plant Industry began to function in 1901. As indicated above the Pomology Office furnished or assembled most of the scions from which the trees were propagated, but the propagation of the trees, growing through the nursery period, planting in the orchard, and care of the orchard during its earlier years were the responsibility of the Farm.

Later, when the care of the orchard required more attention and especially after it came into bearing the Office of Pomology had a representative at Arlington Farm for some years who assumed general supervision of the orchard. Probably the one who paid the most attention to it was W. F. Fletcher who was there for a time. This was during the "long arm pruning craze" in California. Imbued with this idea, Fletcher converted the trees to this method of pruning as far as possible - which no doubt was still reflected in many of them in the tree notes which I made and which are attached to the fruit notes so far as they exist. Tree notes were not recorded for every variety. It may be said here that because of the effect of this type of pruning the habit of growth as recorded in many cases probably does not fully reflect the natural growth characteristics of the variety.

For a time Prof. E. R. Lake was in charge of the orchard for Pomology but without any marked influence on its responses. Then Prof. C. P. Close assumed the responsibility but his supervision was not very intimate. He made some observations on varieties but left few or no records of his studies.

After Close transferred to the Office of Extension Work, there was no one else in the Office of Horticulture - as the office had by that time, I think, been designated to pay any attention whatever to the Arlington Farm Orchard, so that was when I voluntarily assumed some responsibility for it - and it became the stepchild to which I have referred. This was not wholly because I had no interest in it but I already had more demands on my time than I could meet so that this added work was somewhat of a burden. I could give it only fragments of attention, and by this time many of the trees and some parts of the orchard were in such shape that it furnished little inspiration for anyone. Besides, the place of such a variety orchard in the work of the Bureau appeared very differently from what it probably did when the orchard was conceived and its worthwhile usefulness seemed very doubtful.

The spraying, pruning, harvesting, etc., in the orchard were done under my remote direction but I gave little or no direct supervision to these activities, the work being done by Mr. Brunk who had developed into a pretty fair orchard man.

However, as the various varieties were harvested by Mr. Brunk from season to season, he sent samples of each to my office and it was on these that I made my observations.

My time being already overcrowded with other official matters, I might be able to study the samples the day they were delivered; it might be several days or a week before I could get to them. Thus my studies were often made hurriedly, and frequently in a very fragmentary and incomplete manner. I had no time for making full detailed descriptions, but at the best only rather superficial characterizations, and equally little for straightening out problems of identification, varietal mix-ups, and other like matters. The summation of my notes on a variety, even if they covered several seasons was therefore only a statement of gross characters, too often of little real value.

I apologize to anyone who may ever try to refer to these notes for their mixed-up, chaotic, unorganized condition. They should be organized and copied. But the probability of their usefulness is too much in question and the infrequency with which they will be referred to in the future, if at all, renders the time, labor, and other costs in doing so unjustified.

The reasons for the chaotic condition of the notes are several, but mainly it is due to the inherent difficulty (unless great pains are taken) of taking a batch of notes on a subject made over several seasons and coordinating and arranging the various points covered in different years, in a thoroughly systematic order. This is the basic trouble. Then as the compilation progressed, the idea of making the notes as complete as records from all sources would permit grew on the compiler. Items which were omitted at first were later included and had to be inserted wherever there might be unoccupied space on the page; or, if added on another page the item might be still farther out of its logical order.

In one or two instances after it was thought that all available data had been included more notes were found. Specifically this was the case with some of the notes on blossoming. Going over the notes first at hand on some varieties there appeared to be no records on blossoming, hence a line was drawn diagonally across the space where blossoming records should be inserted to show that such records were missing and not just overlooked. Then later, when records were found they were inserted without that line being erased. Thus in some cases it may appear as if blossoming records were inserted, then crossed out, when in fact it was the other way around and the records are to stand.

Another regrettable feature is the great number of mixed-up and unidentified varieties that appear in the notes. In the handling of so large a number of varieties it was almost inevitable that some mistakes would occur. The large number of sources from which scions were received has been mentioned. The varieties in Mr. Irwin's private nursery were assembled from many sources; scions were cut from each variety, sent to Arlington Farm, there propagated, grown in the nursery,

and in due time the trees were dug and planted in the orchard. This in only slightly modified details was the general procedure in principle with nearly every variety. Thus a large number of steps were involved at which carelessness would result in mixing of, or mislabeling the stock. Much of the handling of the stock was done by unskilled labor, probably with inadequate supervision with respect to details. In any event, the results were an excessively large number of obvious mixtures, incorrectly named varieties and other problems of identity.

While I realized from season to season, as the varietal studies were being made, that there were many problems in identification, it was not until I undertook the study of all the notes on a variety together that I realized the full extent of these problems. It sometimes seemed as if no one along the line who had a chance to mix up varieties had failed to make the most of it.

Again the orchard contained many little known or local varieties not discussed in the literature. Perhaps there was a painting of such a variety, or a single description on file, but based on fruit grown under conditions differing widely from those at Arlington Farm. The result was that though such a variety might be correctly named, it was difficult or impossible to satisfactorily check it for accuracy with the information on file as to what the fruit should be like - or might be expected to be like when grown under Arlington Farm conditions compared with those where the fruit was grown from which illustrations and descriptions were made. In a considerable number of cases, no information was available regarding the characteristics of a variety, ^{and} where mistakes in identity had been shown to be as numerous as in this orchard, there was an inherent doubt regarding the identity of any particular variety unless available evidence confirmed its correctness.

In some cases a question mark (?) follows the variety name at the head of the variety sheets. This usually indicates that the correctness of identity was in doubt.

In a considerable number of cases varieties are included in the following notes which are obviously wrong and can serve no useful purpose - except accounting for the Pomology Accession numbers and orchard locations. Small likelihood of such accounting ever being of value but in some unknown future day somebody may want to review this whole Arlington Farm variety orchard project in which as complete information as possible may be desirable.

In order to make the variety notes as useful as possible (in case they ever should possess any usefulness whatsoever) I checked over the files of negatives and wherever there was a negative of a tree of a variety, the negative number or numbers was inserted; the same course ^{was} followed with regard to varietal descriptions and paintings of varieties. The numbers given for descriptions and paintings are the Pomology numbers under which the varieties illustrated were recorded in the Pomology Journal of Receipts. (These Journals are now in the National Archives).

The descriptions and illustrations are not necessarily based on fruits grown at Arlington Farm. In fact few, if any, of the descriptions are based on fruit grown there. Many paintings of fruit grown there were made, though many on file were made of fruit grown elsewhere. Most, if not all the negatives listed, are of trees in the Arlington Farm orchard. These photographs were made largely shortly before the trees were pulled out.

After varietal notes had been made over as long a period of years as seemed practicable and paintings had been made of most of the varieties that seemed likely to be of value, together with the fact that it had become necessary to reduce expenses as much as possible, we began discarding the trees - to avoid spraying, pruning, harvesting and other costs as much, and as fast as possible.

A final and personal word. The question may naturally arise as to why these varietal notes have been compiled when they were admittedly so fragmentary, mixed-up, and so many of them, even the most of them perhaps, of such doubtful value - for it is, in truth very questionable how much anyone definitely interested in apple varieties would get from a review of any of these notes.

The facts are, at least from a personal standpoint, that the Arlington Farm Variety Orchard was never so handled or utilized as to justify its existence, in the writer's opinion. The only observations of any extent made and recorded on the varieties as they grew here were those made by myself. As fragmentary, interrupted and incomplete as they were they constituted about all the recorded information to come from this orchard. In the form of the original notes, they were practically nothing better than waste paper to anyone not familiar with them - and no one other than myself was in the least familiar with them. It therefore seemed to me, as I looked towards my retirement from active service in September 1941, that with my time not of much material value, it would be worth while, even though the finished notes might never prove of any particular value to anyone, for me to do what I could to compile the observations I had recorded in some sort of connected shape so that they could be placed on file where they might be available for any unlooked for unpredictable and unlikely purpose whatsoever. They will exist as about the only evidence that the apple variety orchard at Arlington Farm yielded anything of utilitarian or scientific value. The probability that these notes will ever prove of particular use to anyone is admittedly so remote that had my time been of material value, the amount of it required to compile them could not have been justified - this by way stating that I am fully aware of the fact that I am making no particular contribution to pomology in putting the notes on permanent file in somebody's book case.

J. P. Gault
Nov. 10/43.

VARIETY APPLE ORCHARD
Arlington Farm
- - - - -

Variety: *Abnathy*

Orchard location: Section *5* Row *13-14* Tree *2*

Arlington Accession No. *6332*

Pam. No. 40509

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/23</i>	<i>102322</i>	1927 ..	<i>9/8</i>	<i>109379</i>
1923 -	<i>8/29</i>	<i>103868</i>	1928 -	<i>9/8</i>	<i>110362</i>
1924 -	<i>9/15</i>	<i>105394</i>	1929 -		
1925 -	—	—	1930		
1926 -	<i>9/7</i>	<i>107903</i>	1931		

Blossom dates: 1924 *5/2* - 40% buds open
1925 *4/15* - 40% " "
1926 *4/30* - Center " in clusters open
1927 *5/1* - 90% buds open

Remarks:

History and description pub. in Rpt of an Pomologist for 1894 p.17 from W.E. Crawford, Dunlapville, Ind. Scions received 3/13/08 from private collection of W.N. Irwin in Eckington.

Characterization:

W.N. Irwin in Eckington. Sept. 14/26. Checks in general with Mr. Irwin's description - which see. In gen. appearance in form & size suggests a light colored Cornus. Med. size or below; ground color pale yellow, nearly overspread, with bright red wash with faint stripes. Stems minute, numerous, inconspicuous. Commonly slight lifting in cavity, which is commonly narrow & shallow. Stem 1/4" - 1/2", fleshy. Flesh tinged with yellow, moderately fine grained, not very juicy, fairly rich, acid and sugary so nearly balanced difficult to say whether sweet or acid in flavor. Pleasant, rather high quality - not flat as is common in case of nearly neutral apples. Sept. 11, 1928. Highly colored and attractive. Pickings ripe when over

harvested but not yet quite eating
ripe. Basin, rather shallow, fairly
broad, calyx lobes med. size, reflexed;
eye mostly open.

Second sheet, Variety *Abnormality*

2

Storage notes:

Not stored

9/11/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large average small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
(medium) small; Color: Light dark normal.

Habit of Growth: Very upright (roundish) broad flat (spreading)
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very medium long short; Very (medium) slender
(stout); Medium straight crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very (medium slender) stout;

1/2 - (1 - 2 - 3 inch) Mostly (branched) unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable (slight) (none)

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *Nos. 10/012 + 10/362* Fruit modeled

Fruit described *#7668*

Disease notes by J. W. Roberts:

For the purpose of the present investigation
the following data were obtained

The first series of experiments was conducted
under the following conditions: The temperature
was maintained at 25°C. The concentration
of the reactants was 0.1 M. The reaction
time was 10 minutes. The results of the
experiments are shown in the following table:
The second series of experiments was conducted
under the following conditions: The temperature
was maintained at 35°C. The concentration
of the reactants was 0.2 M. The reaction
time was 20 minutes. The results of the
experiments are shown in the following table:
The third series of experiments was conducted
under the following conditions: The temperature
was maintained at 45°C. The concentration
of the reactants was 0.3 M. The reaction
time was 30 minutes. The results of the
experiments are shown in the following table:

TABLE I
RESULTS OF EXPERIMENTS
CONDUCTED AT 25°C.

Camp! Adams
 Summer Rambo
 Grosh
 Western Beauty
 Smokehouse

VARIETY APPLE ORCHARD
 Arlington Farm
 - - - - -

Variety: Adams

Orchard location: Section I Row 23-24 Tree 4

Arlington Accession No. 7191 (see acc. no. 6333)
 Pom. No.

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	9/6	102516	1927 -	9/19	109422
1923 -	9/16	104024	1928 -	9/28	110423
1924 -	9/13	105408	1929 -	8/23	111107 (Early)
1925 -	—	—	1930 -	—	—
1926 -	9/7	107904	1931 -	9/16	112299

Blossom dates: 1924 5/3 - notes uncertain - probably full bloom
 1925 4/15 - still some buds - petals falling.
 1926 4/30 - 75% buds open
 1927 4/16 - 10 " " " 5% - 90% buds open
 1928 4/26 - 15 " " " 5% - 90% buds open

Remarks: Variety - not satisfactorily identified. Notes repeatedly refer to likeness to Summer Rambo, but apparently somewhat later in season. Surely in the Summer Rambo - Grosh - Western Beauty - Smokehouse group. Mr. Irvine changed name on one painting of Adams to Summer Rambo. In 1922+23 I considered it same as Summer Rambo. In 1926, I noted that Adams seemed indistinguishable from G. R 13-14-T 3, Grosh. Again, Oct 2 1926, I noted: "These specimens are surely very like H. R 2-T 1, Western Beauty". Sept. 21, 1927, I noted: "Except for its season, this apple might easily pass for Summer Rambo, although that variety is usually smooth and regular, while there are certain irregularities in this variety such as indistinct ribbing, with sides unequal; possibly in some cases a suggestion of truncate form; some other slight differences were noted but there was apparently considerable seasonal variation. It is of passing interest to record here that under entry No. 12647 in Jour. of Pom. Receipts it was recorded that in 1880 Charles Downing and Dr. Stayman (over)

were corresponding concerning the similarity
of Western Beauty, Summer Rambos, Large
Summer Rambos, and Gosh.

Characterization:

From the various seasonal observations
the following composite characterization is compiled:
Considerable variation in size, but usually rather
large, though one notation indicated that year smaller
than Summer Rambos (from Arlington). Form: The
one reference ⁽¹⁹²⁶⁾ says - roundish to oblong conical
(which differs from other var. of this group). Ground
^{Feb. 28, 1927} form noted as "somewhat oblate".
Color: greenish yellow, or yellow, probably depending
on degree of maturity. Same seasons no surface
color markings, but characteristically there appears to be
very light indistinct striping; sometimes a slight
coppery blush. Scars: As rule, few, large, irregular,
brownish, raised, appearing as small breaks in skin,
sometimes small flecks of russet. Cavity: med.
depth, rather broad, usually same russetting. Stem
about $\frac{3}{4}$ ", sometimes longer, med. size. Basin: 2 distinct
types or extremes - one fairly deep, very broad, eye very open
and unusually large, calyx lobes large and thick,
reflexed, in some cases becoming nearly deciduous,
other type, spec. identical in other details, basin
is only med. wide and deep, eye closed or nearly so,
lobes somewhat large. Fruits of latter are usually
smoother and better finished than of other type,
though seem to be of same var. Flesh: yellowish,
texture rather coarse as rule, moderately juicy, rather
rich, better than good in quality when in prime and
very mildly acid, then approaching sweet. Once noted
as probably fully as rich as Summer Rambos. A some-
what peculiar flavor and aroma was noted in one or 2
seasons - probably not an absorbed flavor.

Season: 1926. Picked $\frac{9}{7}$. Exam. $\frac{9}{15}$ - still firm & hard - not
eating ripe. 1927 - Picked $\frac{9}{19}$ Exam. $\frac{9}{21}$ - not fully
eating ripe. One picking 1928, $\frac{9}{22}$. Noted "picked too
early" - not then picking ripe. But in 1929, picked $\frac{9}{23}$
Exam. $\frac{9}{30}$ noted "spec. approaching eating ripe
cond. Presumably in office at room temp.
during that week."

Second sheet, Variety, *Adams*

Storage notes: Only cold storage was on Oct. 4, 1926. Withdrown Feb. 25, 1927. Exam. Feb. 28. Then noted: Taking into account keeping qualities, it can hardly be any of the other varieties suggested. At this time ($\frac{3}{18}$) flesh was yellowish, fairly fine grained, tender juicy, fairly rich, pretty good but just a little flat. Perhaps a little past prime.

Nov. 6, 1928

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small)

Foliage: Very abundant (normal) scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright (roundish) broad flat (spreading)
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very many medium few; Very medium slender (stout);
($\frac{1}{2}$ - 1 - 2 - 3 inch); Mostly branched (unbranched);

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender (open) dense stocky
grower; Top round much (broader) narrower (than tall)

Illustrations:

Tree photographed

Fruit painted #105408 + 107904 Fruit modeled

Fruit described None

Disease notes by J. W. Roberts:

None made.

Both very poor trees - too poor to be
considered representative of variety - unless
it is characteristically a poor weak tree.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the transparency and accountability of the organization. This section also outlines the various methods used to collect and analyze data, ensuring that the information is reliable and up-to-date.

2. The second part of the document focuses on the implementation of these practices. It details the steps involved in setting up a robust system for data collection and analysis. This includes identifying the key areas of focus, selecting appropriate tools and technologies, and training staff to ensure they are proficient in the new system. The goal is to create a seamless workflow that allows for efficient data management.

3. The third part of the document addresses the challenges that may arise during the implementation process. It provides strategies for overcoming common obstacles, such as resistance to change or technical difficulties. By anticipating these challenges and having a plan in place, the organization can ensure a smooth transition to the new system.

4. The final part of the document discusses the long-term benefits of the implemented system. It highlights how the improved data management practices will lead to better decision-making, increased operational efficiency, and enhanced overall performance. The document concludes by reiterating the commitment to continuous improvement and the importance of staying current in a rapidly changing environment.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Adams* (?)

Orchard location: Section *G* Row *13-14* Tree *3*

Arlington Accession No. *6333* (See acc. No. 7191)

Pom. No. *40510*

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922	<i>9/23</i>	<i>102558</i>	1927	<i>9/21</i>	<i>109544</i>
	<i>9/28</i>	<i>102652</i>			
1923	<i>9/16</i>	<i>104032</i>	1928	<i>9/27</i>	<i>110608</i>
	<i>9/15</i>	<i>105436</i>		<i>9/27</i>	<i>110633</i> storage lot.
1924	<i>9/15</i>	<i>106010</i>	1929	<i>8/29</i>	<i>111112</i>
	<i>9/15</i>	<i>106695</i>			
1925	<i>9/18</i>	<i>106874</i>	1930	<i>8/29</i>	<i>111141</i> storage lot
1926	<i>10/4</i>	<i>108311</i>	1931	<i>8/29</i>	

Blossom dates: 1924- *5/2*, full bloom.
Scissors from private collection
P.W.N. Irwin
in Arlington
received 3-13-08/8
#38005 (3/19/07)
1925- *4/15*, 90% buds open; *4/20*, post full.
1926- *4/30*, 90% "
1927- *4/20*, first bloom; *5/1*, full bloom

Remarks: * something obviously wrong with one of these journal numbers. Not fully apparent which one is correct.
This lot only adds to the Adams - Summer Rambo. Grosh - Western Beauty confusion. Though the acc. records show it was received as Adams, the fruit as received from Arlington was labeled Summer Rambo

Characterization: each year up to and including 1925. However, in 1923, I (H.S.) noted that it looked much like Summer Rambo and could easily be mistaken for it - this, after Mr. Brunk had noted on label - "This is not Summer Rambo." In same connection I suggested possibility of its being Grosh. (It should here be noted that picking dates above are apparently later than picking dates for lots which were presumably Summer Rambo) In 1924 Mr. Brunk suggested variety was Adams. I countered with the suggestion in 1925, Brunk felt sure it was Summer Rambo, to which Western Beauty. In 1926 and thereafter, specimens as received from Arlington were labeled Grosh - but apparently with no very good authority for so doing. (over)

agreed.

Notes were made on fruit in several seasons, but in most of them the paints covered concerned likenesses or difference between specimens of this variety and of the other varieties in the confusion - except that in 1926 I compared this variety with Wmter Snakehouse (Acc. No. 6389. #19-10:1) to the effect that externally the 2 varieties were so similar that it would be impossible to separate them if mixed together. However, there were differences in the core lines, Wmter Snakehouse following the top-shaped form characteristic of Snakehouse.

Characterization: In the storage

Notes for 1928, the following details,
in large part, occur: Good size, oblate,
regular except for slight ribbing. Ground
color yellow, with considerable overspread
of red, striping fairly distinct. Dots large,
numerous, raised. Brownish, same shape;
about apex dots are small, numerous,
rather conspicuous over most of surface
except most highly colored areas. Considerable
leather cracking about ^{and more} basin. ^{also over entire surface in 2} ¹/₂ f.
rather shallow, rather narrow. Stem $\frac{1}{2}$ " to $\frac{5}{8}$ "
Basin moderate in depth and width.
Calyx lobes exceptionally long, usually
recurved; eye large, usually open.
Flesh distinctly tinged yellow, fine grain,
tender. No considerable body, a little cooking
in juice at this date (17/20). Mild subacid,
pleasant, fairly rich: good.

Variety: Adams?

acc. No. 6333 (5:13-14:3)

Characterization: In storage notes for 1928

The following details, in large part, recur.
Good size, oblate, regular except for slight ribbing.
Ground color yellow, with a considerable
overspread of red, striping fairly distinct.
Dots - some large, numerous, raised, brownish,
sketchy in some cases; about apex dots are
small, numerous, rather conspicuous except
on most highly colored areas. Considerable
lather cracking about basin and in some
fruits, more or less over entire surface.
Cavity rather narrow, rather shallow (something
as in Pewaukee). Stem $\frac{1}{2}$ " to $\frac{5}{8}$ ". Basin
moderate in depth and width; Calyx to base
exceptionally big, usually recurved; eye
large, usually open; flesh distinctly
tinged yellow, fine grain, tender, has
considerable body, a little locking in
juice at this date (12/8/28). Mild subacid,
pleasant, fairly rich. Good.

Resemblance of this apple, regardless
of season, of maturity to Summer Rambo
is quite striking, but probably Summer
Rambo does not have the Pewaukee-
like cavity observed in Adams(?).

Second sheet, Variety *Adams(?)* Acc. No. 6333

7

Storage notes: Crop 1928. Stored Oct. 10. Ant +
Exam Dec. 18/28. Most specimens are in
prime eating condition but one or 2
of them have passed their storage limits
and are beginning to show a little breaking
down of flesh. A little lacking in juice now,
but fairly rich and good.

Vigor of Tree: Exceptionally ^(Below) strong [^] average ^{weak.} Size:
Exceptionally large average ^(Rather small.)

Foliage: Very ^(abundant) normal scanty. Leaves: Very ^(large)
medium small; Color: Light dark normal
lighter colored than Summer Rambos 9: 11-12: 3

Habit of Growth: Very ^(upright) roundish ~~broad flat~~ spreading.
Central leader: ^(Partially retained) disappeared.

9/18/28

Branching:

Main limbs: Very medium long ^(short) Very ^(medium) slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium ^(slender) stout;
Drooping *well branched*

Twigs: Many ^(medium) few: ^(Medium) slender stout; Long medium
short; Straight ~~branched~~ twiggy; Medium open
dense; Willowy.

Spurs: Very ^(many) medium few: Very medium slender stout;
1/2 - 1 - ^(2 - 3 inch) Mostly ^(branched) unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

Spurs branch and elongate

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted [#] 1054084 107904 Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

*Same resemblance in type of
tree to Wagoner in contrast to the
strong growing Summer Rambos
tree.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Akin

Orchard location: Section

A

Row

1-2

Tree

2

Arlington Accession No.

1798

Pomology No.

24216

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102611</i>	:	1927 -		
1923 -	—	—	:	1928 -		
1924 -	<i>1/8</i>	<i>105671</i>	:	1929 -		
1925 -	<i>10/15</i>	<i>107079</i>	:	1930		
1926 -	—	—	:	1931		

Blossom dates: 1924

4/29. 50% buds open; 5/3. past full
 1925 *4/30. 5%* " " *5/16. little* "
 1926
 1927

Remarks:

1924 - Oct. 18 - noted "specimens good size, typical, highly colored!"
Seeds from N.Y. Expt. Sta 3/6/02

Characterization:

Roundish, below med. size; ground color yellow, completely covered with heavy overspread of rich, dark red. dots fairly numerous, yellowish, rather conspicuous on red surface. Heavy wash of whitish bloom. same spec. show very indistinct striping. Flesh yellowish, fine grained, firm, very mildly acid, approaching neutral. In present state of immaturity, flat and insipid.
3/2/26 { Upright spreading tree, medium size, healthy, normal branching (see 2d sheet)

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Akin*

Orchard location: Section *E* Row *21-22* Tree *3*

Arlington Accession No. *4311*
Pom. No. 28410

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/27</i>	<i>10</i>	:	1927 -	<i>9/28</i>	<i>109576</i>
1923 -	<i>10/20</i>	<i>104283</i>	:	1928 -		
1924 -			:	1929 -		
1925 -			:	1930		
1926 -			:	1931		

Blossom dates: 1924 *4/28* *5/6* past bloom
1925 *4/14* - *50%* buds open *4/30* past full
1926 *4/30* - *90%* " "
1927

Remarks: *Scions from N. Y. Expt. Sta 3/13/03*

Characterization:

1927-Oct. 6. Medium or below in size, roundish, slightly oblate, nearly smooth, regular. slight indefinite ribbing; ground color yellow, entirely overspread with deep red - less well colored specimens show slight striping. Stems many, very small, yellowish, some slightly indented. Cavity med. stem 1/2 in. rather slender. Basin rather shallow, med. width; calyx lobes med. converging; eye closed. Flesh yellowish, fine grain, firm quite juicy, mildly acid, rather flat.

Storage notes:

Out of storage 1/4/28. Exam. 1/19. Excellent condition. Firm, solid; would have kept considerably longer. Fine grained, tender, mildly acid, rather flat. Not better than fair in quality. Suggestion of astringency. Low quality rating is due to absence of flavor rather than to any unpleasant quality.

Vigor of Tree: Exceptionally (strong) average weak. Size: Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading). Central leader: (Partially) retained disappeared.

Branching:

Main limbs: Very (medium) long short; Very (medium slender) stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping.

Twigs: Many medium few; Medium slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many (medium few); Very medium slender stout; 1/2 - (1 - 2) - 3 inch; (Mostly) branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

fine strong symmetrical tree

Illustrations:

Tree photographed D: 21:1 Neg. No. 44701. F: 22:3 Neg. No. 46016
E: 22:3 " " 42659

Fruit painted *several*

Fruit modeled

Fruit described *several*

Disease notes by J. W. Roberts:

None

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Algerienne*

Orchard location: Section *b* Row *576* Tree *2*

Arlington Accession No. *1992* *J.P.S. 8448*

Pomology No. <i>2464</i>					
Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/19</i>	<i>102303</i>	1927 -		
1923 -	<i>9/13</i>	<i>103913</i>	1928 -		
1924 -			1929 -		
1925 -	<i>10/7</i>	<i>106982</i>	1930		
1926 -			1931		

Blossom dates: 1924

1925

1926

1927

very late

4/8, buds just breaking

from C.S. Scofield - May at
Oran, Algeria - Received 2/26/02

Remarks:

1923. Sept 26. Noted "Evidently same as acc. No. 1922."

1922 - Noted - "Small, sweet, pucky, tough - N. 9" (May lower branch picked too early)

Characterization:

1925. Oct. 14. Noted: Presumably OK. No data with which to check. (A small yellow apple, averaging in size considerably smaller than average of Lady and about same shape. Flesh tinged with yellow, fine grained, fairly tender, sweet or nearly so, rather flat, a little astringent. Apparently of no value.

(over)

(no second sheet)

Tree 3/27/26. small, low, flat spreading top.
Branching normal but secondary branches
and run well back towards basal frame
work branches, fruit spurs are exceedingly
numerous.

no painting
" description.

Received as root grafts by Dr Corbett.

3/25/02 - variety from Algeria.

likely an S.P.J. introduction but
acc. record does not so state.
(see S.P.J. no. as given)

VARIETY APPLE ORCHARD
Arlington Farm

12

Variety: *Allington (?)*

Orchard location: Section *A* Row *1-2* Tree *3*

Arlington Accession No. *1799*
Pomology No. Probably #24217 from N.Y. Sta in 1902

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>8/29</i>	<i>102480</i>	:	1927 -		
1923 -	<i>9/24</i>	<i>104057</i>	:	1928 -		
1924 -	—	—	:	1929 -		
1925 -	<i>10/15</i>	<i>107080</i>	:	1930		
1926 -	—	—	:	1931		

Blossom dates: 1924 *4/29, 50% buds open; 5/2 full bloom.*
1925 *4/13, 20% " " ; 4/16, 90% buds open.*
1926
1927

Remarks:
1923 - Sept. 27. Noted: doubtful identity! Small size. Shape much like Beach. Greenish under color, some red overspread, striped with bright crimson, but appears dull from overwash of gray. White flesh, tender, juicy. Muddy acid. Peculiar unpleasant flavor.

Characterization:
1925 - Oct 26. Noted - This may be Allington Pippin but does not check with painting that var. Ground color pale yellow, pretty well overspread with dull pinkish red with indistinct striping, and light butternut stippling. Buds few, very minute, whitish, very inconspicuous. Flesh white, fine grained, somewhat tough. Juice average, muddy acid, flat, worthless.

Roberts reported cedar rust on fruit. (over)

No second sheet.

2/27/26. Tree good size, upright, spreading.
Secondary limbs tend to droop. Main
limbs are more upright than some.
Many small twigs and spurs.

No painting
Description: #37734 (?)

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Allington Pippin* (?)

Orchard location: Section *H.* Row *23-24* Tree *5*

Arlington Accession No. *6574*
Pom. No. 40808

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/15</i>	<i>102278</i>	1927 -	<i>9/19</i>	<i>109423</i>
1923 -	<i>9/16</i>	<i>104033</i>	1928 -	—	—
1924 -	<i>9/13</i>	<i>105401</i>	1929 -	—	—
1925 -	—	—	1930 -	<i>9/18</i>	<i>111646</i>
1926 -	<i>8/27</i>	<i>107842</i>	1931 -	—	—

Blossom dates: 1924 — *2/90% buds open; 5/6, fast full.*
1925 — *4/15, 75% " " 4/20, " "*
1926 *4/30 - 40% buds open*
1927

Remarks: *Scions received 4/6/08 from H.C. B. Caldwell, Missoula Mont. as Allington Pippin - no (?)*
Trees in Rows 23 + 24 are different. Tree row 24 is a small crab-like thing - worthless as an apple. Above picking dates and other notes relate to Row 23, identity of which as true Allington Pippin is none too sure. #24 seems likely a tree grown from root stock. Difficulty

Characterization: *Variable, some seasons not in accord with Painting #37734; others, some spec closely similar.*
in identification is in part lack of information regarding resemblance of Allington Pippin to some conditions here.

In general - size med. or below, conic apex tapering sharply, smooth, regular. Except halves sometimes slightly unequal. Ground color yellow, nearly covered with a thin overspread of bright red, indistinct striping, considerable overspread of bluish green, unattractive grayish cast. Basin and cavity both shallow, rather broad - two faults differing from details of Painting 37734. (over)

Characterization - Cont

Dots - Numerous, minute, white, submerged; some rather large, stellar, appearing as slight cracks in skin, or minute brownish leather cracking.

Flesh - yellowish, fine texture, tender, fairly juicy, rather sprightly acid. Fairly good. Some showing. Many large brownish pit disease developments beneath skin, where tissue dries and cracks away.

Quality - variously staled, varying probably with maturity at time of picking and when examined.

Not of value, whatever the variety may be.

Second sheet, Variety

Allington Pippin?

14

H-23-5

Storage notes:

1926 - Oct. 8. Noted: Apples have kept in refrigerator fairly well. Some decay, some shriveling. Flesh juicy, fairly tender, mildly acid, fairly sprightly, pretty good. A little past prime.

Vigor of Tree: Exceptionally strong ^(less than) average weak. Size: Exceptionally large ^(less than) average small.

Foliage: Very abundant (normal) scanty. Leaves: Very large medium (small); Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading. Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very (medium) slender stout; Medium straight (crooked).

Secondary limbs: Numerous (medium) few; Medium (slender) stout; Drooping.

Twigs: (Many) medium few; Medium (slender) stout; Long (medium) short; (Straight) branched twiggy; Medium open ^{large number} dense; (Willowy) ^{slender willowy twigs.}

Spurs: Very many (medium) few; Very (medium) slender stout; 1/2 - (1 - 2) - 3 inch; Mostly (branched) unbranched; Spur twigs: Few medium (many); Terminal bearing mostly considerable (slight) none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted No. 37734

Fruit modeled

Fruit described " 37734 ?

Disease notes by J. W. Roberts:

None

VARIETY APPLE ORCHARD
Arlington Farm

15

Variety: *All Summer*

Orchard location: Section *C* Row *11-12* Tree *4*

Arlington Accession No. *3015*

Pomology No. 24472

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>7/20</i>	<i>101609</i>	:	1927 ..	<i>7/19</i>	<i>109176</i>
1923 -	<i>8/2</i>	<i>103380</i>	:	1928 -		
1924 -	—	—	:	1929 -		
1925 -	—	—	:	1930		
1926 -	<i>7/28</i>	<i>107651</i>	:	1931		

Blossom dates: 1924 *4/26 first bloom, 4/30 full*
1925 —
1926 *4/29 Full bloom.*
1927

Remarks: *Scion from Burg. Buckman, Farmingdale, Ill. 1902*
1927 - July 21. Av: somewhat larger than in 1926
same specimens approaching med. size. While
many spec. show no color. Most of them have
a reddish copper colored overspread on exposed
side. In 1927 they possessed a peculiar "twang" that
was rather pleasant. Probably would be worth retaining
if grower had it in a home orchard.

Characterization:

1926 - Aug. 3. Size small, roundish to
slightly conic; smooth, regular; color
greenish yellow with no suggestion of red;
fllesh white, fairly fine texture, very
tender, sprightly but mildly acid, pleasant.
If not so small, might have some merit. Its
sprightliness of flavor in contrast to flatness
of Early Joe and Early Edwards, examined
at same time, is striking.

Second sheet, Variety *All Summer*.

16

Storage notes:

Short season - not for storage.

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small. (*poor*)

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (*upright*) roundish broad flat (*spreading*)
Central leader: Partially retained disappeared.

Branching: *Fairly well branched*
Main limbs: Very medium long short; Very (*medium* slender)
stout; Medium straight crooked.
Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: Many (*medium*) few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy. (*Crooked*)

Spurs: Very (*many*) medium few; Very medium slender (*stout*);
1/2 - 1 - 2 - 3 inch; (*mostly* branched) unbranched;
Spur twigs: Few (*medium*) many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Small-stemmed. Crown gold appears to be very bad

Illustrations:

Tree photographed Neg. No. 47938

Fruit painted *634779-63706* Fruit modeled

Fruit described *15910*

Disease notes by J. W. Roberts:

None.

VARIETY APPLE ORCHARD
Arlington Farm

17

Variety: *Altou*

Orchard location: Section *I* Row *8* Tree *5*

Arlington Accession No. *4437*

Pom. No. <i>30627</i>					
Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>10/10</i>	<i>102787</i>	1927 -		
1923 -	<i>10/12</i>	<i>104240</i>	1928 -		
1924 -	<i>10/4</i>	<i>106000</i>	1929 -		
1925 -			1930		
1926 -			1931		

Blossom dates: 1924

from R. M.
Swine 1903 1925
on 8
address ? 1926
Waverly
Farm. 1927

5/6, full bloom - one main limb only.
4/15, 20% buds open; 4/20, 75% buds open.
Tree in poor condition 1925.

Remarks:

1922 - *Noted: Probably OK. An unknown thing from Farm.*

1923 - *10/18. Noted: Red, heavily striped, med. size, bloom overexposed, rather attractive. No special account.*

Characterization:

1924 - *10/14 - Med. size, roundish conic to slightly elongated; yellowish ground color rather faintly overexposed and striped with red, with light grayish overcast on some specimens; light bluish bloom; flesh yellow, satiny, fairly fine texture; fairly juicy; acid, not sufficiently mature for a fair idea of quality; apparently moderately good at least.*
Nov. 8/24. Noted: Since previous exam. held at room temp. fruits much wilted now; texture fairly fine; muddily acid: too much wilted for appraisal of dessert quality. (no 28 shot)

No painting

Description #30627

Section 1062

Ground surface

Surface of ground

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VARIETY APPLE ORCHARD
Arlington Farm

18

Variety: *Amère du Surville*
See Caldwell in J.A.R. Vol. 36 No. 5 pp 391-406
Orchard location: Section Row 9 Tree 4

Arlington Accession No. 8175
Pom. No. 46392

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	—	1927 -	10/4	109577
1923 -	—	—	1928 -	9/28	110424
1924 -	10/8	106038	1929 -	9/6	111240
1925 -	10/10	107081	1930 -	—	—
1926 -	9/24	108164	1931 -	—	—

Blossom dates: 1924 5/2 - in bloom - very light
1925 4/15 - buds opening. 4/20 past full
1926 5/3 T 9-4 Past full T 10 - 4 no evidence of bloom.
1927 4/6 " no bloom. " 5/10 buds open.
Remarks: not clear whether "no bloom" means no fruit buds, or none seen here. Prob took notes.
1928 5/2 full bloom.

French crab - Scions from Va. Gtft. Sta. received 3/10/10
10/4/28 Apparently considerably larger than usual. Spec
run from 2 1/2" to 2 3/4" in diameter. More highly colored than usual.
Characterization: fairly good size, larger than most
crabs but below med. in apple size scale.

(1927 Av. 2 1/4" in diameter)
Roundish conic to slightly oblong conic, not
unlike small Beech in shape. *
Light yellow under color, overspread with
dull washed out pinkish red, indistinct striping,
bluish bloom, thin buttermilk overspread,
dots many minute, inconspicuous
Flesh tinged yellow, mod. fine texture, fairly
juicy, rather tough. Nearly sweet, but
very astringent. Some seasons watercore.
* Cavity med. Basin narrow & shallow; calyx lobes
mod. long, converging, eye closed.
10/8/27. still immature.

Storage notes:

1927- ¹⁰/₁₀ stored. Exam. 7/8/28. Good physical condition. Softened slightly. Prime eating condition as to texture, fine grained, fairly juicy, mildly acid, very astringent.

11/4/28

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal. Mostly JF

Habit of Growth: Very (upright roundish) broad flat spreading. Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very (medium) long short; Very (medium) slender stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout; Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium) short; (Straight) branched twiggy; (Medium) open (dense) Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout; 1/2 - 1 - 2 - 3 inch; Mostly branched (unbranched) Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: (Medium) slender (open) dense stocky grower; Top (round) much broader narrower than tall.

A good tree but not varietally characteristic.

Illustrations:

Tree photographed

Fruit painted 109577

Fruit modeled

Fruit described - None

Disease notes by J. W. Roberts:

None

VARIETY APPLE ORCHARD
Arlington Farm

Golding 20

Variety: *American Golden Pippin*

Orchard location: Section *F* Row *6* Tree *2*

Arlington Accession No. *4346*

S.P.D. No. 6758

Pom. No. 28451

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/19</i>	<i>102798</i>	:	1927 ..		
1923 -	<i>9/24</i>	<i>105434</i>	:	1928 -		
1924 -			:	1929 -		
1925 -			:	1930		
1926 -			:	1931		

Blossom dates: 1924

1925

1926

1927

Mr. Irwin gives this as Golding - known used were cut from nursery trees on the 7 lots. There were also as Pom. No. 21502

Remarks: *Trees out prior to 1924 - or before 1925*

1922. Noted: A large golden yellow apple with a few core, does not agree with painting of Golding of which this name appears to be a synonym.

Grafts received 3/20/03. S.P.D. receipt as grafts on

Characterization: *Northrup spy stock from Ferguson & Son, Camden, N. S. W.*

1923 - 10/3. Noted: This apple has a rather dull golden yellow color. med. size; slightly oblate; flesh yellowish, fairly tender, rather dry, very mild and pleasant, but apparently of no value.

*no painting
no photo
no description*

no second sheet.

VARIETY APPLE ORCHARD
Arlington Farm

21

Variety: ~~Melo~~^{*} Annurco

Pomology No. 28434 (4326);

Orchard location: Section *F* Row *1-2* Tree *3*

Arlington Accession No. 4326. (See also acc Nos. 4327 and 4328) (over)

S.P.S. No. 9469 (4326).

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	9/28	109598
1923 -	10/12	104264	:	1928 -		
1924 -	10/28	105989	:	1929 -		
1925 -	—	—	:	1930 -		
1926 -	10/2	108473	:	1931 -		

Blossom dates: 1924 - 5/1, 20% buds open; 5/6, full - ^{ant very light} ~~bladder~~ ^{bladder}.
1925 - 4/15, 90% " " 4/20, part full
1926 - 4/30, 50% " "
1927 -

Remarks: * Melo means simply apple or apple tree - name of the variety apparently is Annurco. Received through Lathrop Fairchild from Prof. L. Savastano, Naples, Italy. 3/14/03. Fairchild says of it: "Leading market apple of region about Naples. A showy red apple with yellow streaks. Has an unusually high flavor for a variety grown so far South."

In 1923 it was said to resemble somewhat a very highly colored Salome apple.
Characterization: Colored Salome apple
Size medium or above; form variable - roundish conic to distinctly oblong conic; sometimes halves unequal, top-sided, compressed. Ground color yellow, nearly covered with bright pinkish red; indistinct striping where not fully colored; thin flecking of buttermilk over most of surface; the blending of colors makes a peculiar appearing but rather attractive apple. Dots mostly absent about base but moderately numerous and rather conspicuous about apex. Cavity deep, abrupt; (over)

basin fairly deep, rather abrupt, ribbed;
Flesh white or tinged yellow, fine grain,
satisfying, firm, rather tough, moderately
juicy, mild subacid. 10/20/24 not full ripe;
when mature, would probably be nearly
if not quite sweet. Not of high quality
this date (10/30/24). 11/6/26 - though then rather
tough it was mild subacid, fairly
rich, a characteristic delicate flavor,
pretty good, but still too immature
for quality packing.

See storage notes.

Apparently Dr. Fairchild (see S.P. Dauby
under No. 9469) thought of this apple as
of possible value for the South.

#4327 is Melo Gelato (S.P. 9471) (Pam. No. 28435)
4328 " Lemoncello (" 9470) (" " 28436)

Storage notes: 1926 Crop. Held in office refrigerator until 1/4/27. Kept pretty well; aside from a little shriveling it is in pretty good condition. At this time flesh was fine grain, tender with considerable body, fairly juicy, very mild subacid, nearly neutral; pleasant but lacking richness, not high quality; a rather peculiar characteristic flavor (- if characteristic - question whether absorbed). Apparently nothing of any particular value -- unless for South or some other region.

Vigor of Tree: Exceptionally (strong) average weak. Size: Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (slightly spreading). Central leader: Partially (retained) disappeared.

Branching: Well branched - smooth - clean
Main limbs: Very medium long short; Very (medium) slender stout; Medium (straight) crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping. Many 2^d branches but main central leader throughout.

Twigs: Many (medium) few; Medium slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy. Well distributed throughout tree.

Spurs: Very (many) medium few; Very medium slender stout; 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched; Spur twigs: Few medium many; Terminal bearing mostly considerable slight none.

General aspect of tree: Medium slender open dense stocky branches, grower; Top round much broader narrower than tall.

See below

Illustrations:

Tree photographed Neg. No. 47984

Fruit painted Several under Fruit modeled

Fruit described #31187 - under Annurco

Disease notes by J. W. Roberts:

Symmetrical with definite central leader continued. As stated spurs distributed all along twigs and secondary branches - a large symmetrical tree.

VARIETY APPLE ORCHARD
Arlington Farm

23

Variety: *Arctic*

Orchard location: Section *D* Row *17-18* Tree *2*

Arlington Accession No. *3110*

Pomology No. *24561*

Year -	Date Picked	Pomology Number :	Year -	Date Picked	Pomology Number
1922 -	<i>9/28</i>	<i>102655</i>	1927 ..		
1923 -	<i>9/16</i>	<i>104028</i>	1928 -		
1924 -	9/16	104028	1929 -		
1925 -	<i>9/10</i>	<i>106725</i>	1930		
1926 -	<i>9/9</i>	<i>107905</i>	1931		

Blossom dates: 1924 - *4/28* - blossoming. *5/3* - apparently full bloom
 1925 - *4/14* 75% buds open. *4/18* - full bloom
 1926 *4/30* 50% " " " *5/2* - still few petals remain.
 1927 *4/12* - first bloom.

Remarks:

1922 - *Noted* - "A fine eating apple".

1926 - Apparently ^{better} finished and more attractive than in 1925

Scions from Prof. L. R. Taft, Mich. Agr. Coll. East Lansing, Mich., 1902

Characterization:

Good size, fairly regular, slightly oblate to slightly conic. Ground color yellow, pretty well covered with blood red wash (varying in intensity in different years) and indistinct stippling. Dots many varying from small, yellowish to rather large and raised. Flesh yellowish, fairly fine grained, tender, moderately juicy somewhat acid, fairly good but nothing distinctive, rating perhaps fair to good, but evidently varying somewhat with season and degree of maturity.

Storage notes:

Stored Sept 27, 1926. Removed 11/3/27 Exam. 1/26/27
 In office refrigerator between " and "
 Spec. have shriveled somewhat. Fairly fine
 grained flesh with considerable body to it. Fairly
 juicy, mildly acid with some suggestion of
 tannin content. Not very high quality at this time.

11/10/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
 Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
 medium small; Color: Light dark normal. *off*

Habit of Growth: Very (upright) (roundish) broad flat (spreading)
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very medium long short; Very medium slender
 (stout); Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
 Drooping.

Twigs: (Many) medium few; Medium slender stout; Long medium
 (short) Straight branched twiggy; Medium open
 dense; Willowy. *distributed throughout tree.*

Spurs: Very many (medium) few; Very medium slender (stout);
 1/2 - (1 - 2 - 3⁴ inch) *Mostly (Same) branched* unbranched;
 Spur twigs: Few (medium) many; Terminal bearing mostly
 considerable slight none (*Same*)

General aspect of tree: Medium slender open dense stocky
 grower; Top round much broader narrower than tall.

A fine stocky well formed tree.

Illustrations:

Tree photographed Neg. No. 42650 + 47893 (47953)

Fruit painted No. 13101

Fruit modeled 107905

Fruit described " 13101 - 13198

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Arkansas (Mammoth Black Twig)*

Pomology No. *28419*

Orchard location: Section *E*

Row *23-24* Tree *5*

Arlington Accession No. *4318*

Pom. 76. 28419

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/25</i>	<i>102864</i>	:	1927 -	<i>10/6</i>	<i>109652</i>
1923 -	<i>11/1</i>	<i>104458</i>	:	1928 -		
1924 -	<i>11/4</i>	<i>105986</i>	:	1929 -		
1925 -	—	—	:	1930 -		
1926 -	<i>10/20</i>	<i>108692</i>	:	1931 -	<i>10/6</i>	<i>112345</i>

Blossom dates: 1924 - *4/28, first bloom; 5/6, past full*
 1925 - *4/14, 50% buds open; 4/20, well past full*
 1926 - *4/30, 90% " "*
 1927 - *4/12, first bloom.*

Remarks:

Scions received 3/13/31 from N. Y. apt. sta as Mammoth Black Twig. Orchard records made under name Paragon. When change was made is uncertain, but likely directed by Chase since he used name Paragon consistently instead of Arkansas or M. B. T.

Characterization: *1924 notes. There is perhaps good reason for considering these spec. Arkansas though I noted "presumably OK" for Paragon. I did not consider the specimens as typical, however, of Arkansas according to my conception of that variety. I observed as follows: "In the shade of red, in the dots and in some other particulars the resemblance of this apple to Kinnard is closer than to Paragon. In fact if these specimens possessed the remaining of Kinnard, and they*

were otherwise the same and labeled
Kinnard, we would probably pass them
as finely developed specimens of that
variety. With this particular lot of
apples the confusion would be with
Kinnard, except for the absence of
the Roman stemmings, rather than
with Arkansas!

The flesh is slightly yellow,
crisp, juicy, high quality.

Several paintings
" descriptions

VARIETY APPLE ORCHARD
Arlington Farm

Variety: Arkansas (Mammoth Black Twig) ??

Pomology No. 24295-

Orchard location: Section B Row 5-6 Tree 2

Arlington Accession No. 1877

Pom. No.

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -			:	1927 -		
1923 -			:	1928 -		
1924 -			:	1929 -		
1925 -			:	1930 -		
1926 -			:	1931 -		

Blossom dates: 1924 -

1925 -

1926 -

1927 -

Remarks: Acc. No. record shows Mammoth Black Twig from N. Y. Expt. Sta. in 1902. Orchard records are under name Paragon - possibly Close's designation since he used Paragon consistently instead of Arkansas or M. B. T. But orchard fruit notes show 2 varieties were represented.

Characterization: It seems very doubtful if either of the trees was Paragon or Arkansas.

This note merely accounts for the location and accession number.

Several paintings
" descriptions

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Variety: *Arkansas Beauty*

Orchard location: Section *A* Row *1-2* Tree *4*

Arlington Accession No. *1800*

Ann. No. 24218

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/29</i>	<i>102483</i>	1927 ..	<i>9/28</i>	<i>109578</i>
1923 -	<i>9/28</i>	<i>104136</i>	1928 -		
1923 -	<i>10/26 (2d pick)</i>	<i>104320</i>	1929 -		
1924 -	<i>10/8</i>	<i>105672</i>	1930		
1925 -	<i>10/14</i>	<i>107082</i>	1931		
1926 -	—	—			

Blossom dates: 1924 - *4/29 25% buds open. 5/3 full bloom*
 1925 *4/13 20% " " 4/16 90% buds open*
 1926 *4/28 center buds open*
 1927

Remarks:

1923. *10/13* noted close resemblance to Ark. Black
 1924. *10/18*. " difficult to be sure just what Ark.
Beauty should look like. 3 paintings on file vary widely. difficult to reconcile these differences!
Apple is of Arkansas type.

Characterization:

Scissors from N.Y. Sta. 1902
Size medium; somewhat round cone, surface smooth; ground color yellow overspread with dull brownish red, slight striping; undercolor sometimes showing through giving unattractive muddy effect. Sets small, inconspicuous, yellowish submerged depressed, same areola. Cavity medium; basin med. to rather shallow slightly furrowed. Flesh yellowish, rather fine grain, fairly juicy, tender; sprightly, pretty good quality - better than exterior suggests. Season about mid. Oct.

Storage notes:

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty, Leaves: Very large
medium small; Color: Light dark normal. 1/5/28

Habit of Growth: Very (upright) roundish broad flat (spreading).
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very (medium long short; Very (medium) slender
well branched (stout); Medium straight crooked, *limbs smooth*.
Secondary limbs: Numerous medium few: Medium (slender) stout;
Drooping.

Twigs: Many (medium) few; (Medium slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout;
1/2 - 1 - 2 - 3 inch; Mostly branched (unbranched);
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight (none)

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

A good tree, well formed, clean & smooth.

Illustrations:

Tree photographed Neg. Nos. 42672 - 47864

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

Aug. 10, 1921 - Bitter rot severe

14

[Faint handwritten notes at the bottom of the page]

VARIETY APPLE ORCHARD
Arlington Farm

29

Variety: *Arkansas Black*

Orchard location: Section *A* Row *1-2* Tree *5*

Arlington Accession No. *1801*

Form No. 24219

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102565</i>	1927 -	<i>9/26</i>	<i>109500</i>
1923 -	—	—	1928 -		
1924 -	<i>10/3</i>	<i>106987</i>	1929 -		
<i>1925 -</i>	<i>10/7 (2^d pick)</i>	<i>106988</i>	1930		
1926 -	<i>11/1</i>	<i>108668</i>	1931		

Blossom dates: 1924 - *4/29* 20% buds open
1925 - *4/14* 25% " " *4/16* 80% buds open
1926 - *4/28* 50% " "
1927 —

Remarks:

observed and described in Report of the Pomologist as published in the Report of the Department of Agriculture for 1886, pp 268-9

1926. Nov. 16. Noted: Run fairly large for the var. and about the best developed and most highly colored fruit of var. ever grown at Arlington. Crop of 1927 was apparently equally well. More highly colored specimens almost black. (Fruited.)

Characterization:

various from N. Y. Sta. 1902
Size variable with season, from below medium to good size. Form, roundish conic, Color - deep red, from blood red to almost black in most highly developed fruits.

Cavity medium, russeting in many fruits. Basin shallow, ribbed and wrinkled; eye small, closed. Bats few, small, yellowish, inconspicuous. Flesh, the most yellow of any common var. fine grain, very firm and hard, lacking juice, mildly acid, poor quality when immature. More juicy, firm even when mature, and appreciably more flavor when mature. Possibly good then.

Storage notes:

April 7, 1927, Spec of 1926 crop stored till Apr 2/27 Exam 4/7
 One of 5 fruits completely decayed. Otherwise kept well.
 No shriveling. Flesh characteristically yellow, fairly
 fine grain, firm, breaking, fairly juicy, mildly acid,
 lacks juice. Not better than good, but fairly
 pleasant; much more to commend it in quality than
 when stored.
 Feb. 8, 1928, stored Oct 7/27, Removed Jan. 19/28 (or before)
 Shrivelled slightly in refrigerator - otherwise above notes apply
 closely.
 Vigor of Tree: Exceptionally strong (average) weak. Size:
 Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
 medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat ^{slightly} spreading
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very (medium) slender
 (stout) Medium straight crooked ^{well branched}
Secondary limbs: Numerous medium few: Medium slender stout;
 (somewhat drooping)
Twigs: (Many) medium few; (Medium) slender (stout); Long medium
 short; Straight branched twiggy; Medium open
 dense; Willowy.
Spurs: Very (many) medium few; Very (medium slender) stout;
 (1/2 - 1) - 2 - 3 inch; Mostly branched (unbranched)
 Spur twigs: Few medium many; Terminal bearing mostly
 considerable slight none (on spurs)

General aspect of tree: Medium slender open dense stocky
 grower; Top round much broader narrower than tall.

A good strong tree, well developed, fairly dense
 with twigs & spurs.
 Illustrations:
 Tree photographed Neg. Nos. 426734-42879

Fruit painted Several Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

Bark on main limbs rather rough.
 May be some superficial disease.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Arnold*

Orchard location: Section *G* Row *13-14* Tree *4*

Arlington Accession No. *6334*

Pam. No. 40511

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/6</i>	<i>102499</i>	1927 ..	<i>9/8</i>	<i>109380</i>
1923 -	<i>9/16</i>	<i>104038</i>	1928 -	<i>9/27</i>	<i>110605</i>
1924 -	<i>9/3</i>	<i>105395</i>	1929 -		
1925 -	<i>9/5</i>	<i>106726</i>	1930		
1926 -	<i>10/4</i>	<i>108165</i>	1931		

Blossom dates: 1924 - *5/2* 25% buds open. *5/6* - full bloom
scions received
3/13/08 from 1925 - *7/15* - 25% " " *4/20* - 90% buds open.
private collection 1926 - *4/30* - 40% " "
D.W. N. Swin 1927 *5/1* #13, 20% " " #14, first bloom
Kingston

Remarks: Apparently varied in quality from season to season.
9/26/23 Noted - good to very good. *9/26/24* Noted that 1923
appraisal of quality was too high according to this year's
judgment. Confirmed by later notes.
1926. Better rot mentioned as ^{very} bad. In 1927 absence of
better rot was mentioned. Some water core in 1927

Characterization:

Size, medium to large (apparently large under favorable cond.)
Roundish conic to oblate conic, distinctly ribbed.
Color yellow to greenish yellow, rarely slightly blushed,
sometimes a little buttermilk overspread. Stems
very small and inconspicuous.
Cavity - broad + deep, considerable rusting, stem
5/8" moderately stout. *Basin* deep, abrupt. *eye*
medium, closed.
Flask yellowish, fine grained, tender (in 1924),
a little tough (in 1927), fairly juicy, mildly acid, lacks
richness only fairly good, but pleasant.
In 1927 there seemed to be considerable "body" to flesh.

Storage notes:

In 1928, stored Oct 10; removed Dec 18
 no comment on condition except flesh
 tender with but little "body" to it, quite juicy
 very mildly acid, rather delicate in flavor though
 not much to it.

9/24/28

Vigor of Tree: (Exceptionally) strong average (weak). Size:
Exceptionally large average (small).

Foliage: Very abundant (normal) scanty. Leaves: Very large
 (medium) small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.
Tree too poor condition for record.

Branching:

Main limbs: Very medium long short; Very medium slender
 stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
 Drooping.

Twigs: Many medium few; (Medium) slender (stout); Long medium
 short; Straight branched twiggy; Medium open
 dense; Willowy.

Spurs: Very (many) medium few; Very medium slender stout;
 1/2 - (1 - 2 - 3 inch); Mostly branched unbranched;
 Spur twigs: Few (medium) many; Terminal bearing mostly
 considerable slight none

#13 tipped over and badly broken. Crop 1928 sparse.

General aspect of tree: Medium slender open dense stocky
 grower; Top round much broader narrower than tall.

#14 on little higher ground also very poor tree. Crown gall on one side

Illustrations:

Tree photographed

greatly retarded development on that side. location of
 tree bad. #13 not too
 bad, but poor
 tree.

Fruit painted

several

Fruit modeled

Fruit described #31724 - 33796

Disease notes by J. W. Roberts:

#13 in 1928 showed much better rot, that is, the fruit did.
 #14 standing on higher ground, and not tipped over had
 little or no better rot.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Augustine Winter (?)*

Orchard location: Section *K* Row *19* Tree *5*

Arlington Accession No. *4729* { *See sheet for K-20-5*
Pom. No. apparently not recorded. Trues are different, same
Acc. No.

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	—	1927 ..	—	—
1923 -	<i>9/3</i>	<i>103876</i>	1928 -	<i>9/8</i>	<i>110399</i>
1924 -	<i>10/1</i>	<i>105455</i>	1929 -	<i>8/26</i>	<i>111108</i>
1925 -	—	—	1930	—	—
1926 -	<i>8/27</i>	<i>107791</i>	1931	<i>10/6</i>	<i>112313</i>

Blossom dates: 1924

What this apple (or crab) -
1925 *Augustine Winter* is like seems
1926 very uncertain. This No. may or may
1927 not be OK. It differs decidedly from
K-20-5. What is apparently this
number (#19) has some outstanding

Remarks:

chemical factors in comparison with
some 60 other astringent apples and crabs
as shown by Caldwell (see *J.A.R.* Vol. 36 #5
pp. 391-406 (March 1, 1928)).

scions received 2/2/05 from Linn Co. Nur. Co, Center
Point, Ia.

Characterization:

{ *1926-(9/3)-* } A very pretty crab - distinctly oblate.
{ *1928-(9/20)-* } crops diameter $1\frac{5}{8}$ " - $1\frac{3}{4}$ " length
shoulder to base $1\frac{1}{16}$ " ground color
yellow, nearly overspread with bright-
red, some striping, whitish bloom. Dots small
numerous, whitish or yellowish, inconspicuous.
Flesh faintly tinged yellow, fine grain, tender,
cracking, juicy, mildly acid, somewhat astringent.
Not rich but pleasant & fairly good in quality. As
attractive as a well developed *Hyslop* or *Transcendent*
Crab. Whether this is *Augustine Winter* or yet remains
a question. No painting. (No 22 sheet)
" description

VARIETY APPLE ORCHARD
Arlington Farm

34

Variety: *Augustine Winter (?)*

Orchard location: Section *K* Row *20* Tree *5*

Arlington Accession No. *4729* (See sheet for *K-19-5*)
Pom. No. Apparently not recorded Same acc. No. but trees different.

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	—	1927 ..		
1923 -	<i>9/3</i>	<i>103877</i>	1928 -		
1924 -	—	—	1929 -		
1925 -	<i>10/17</i>	<i>107083</i>	1930		
1926 -			1931		

Blossom dates: 1924

1925

1926

1927

Remarks:

1923 - *Noted: "This is a small, roundish, green crab - the sourest and most astringent of anything in the apple line I have ever tasted."*

Scions supposedly received 3/2/05 from Linn Co. Nur. Co., Center Point, Iowa.

Characterization:

1925 Oct. 24. Every appearance of a French crab. Shape & size comparable with Shockly apple. Surface extremely greasy. Ground color yellow with red blush. Fine grain but very hard, extremely acid; puckery as a persimmon. (This does not agree as to form with 1923 statement above. Difference not easily explained). Shockly shape transferred in 1926 on card for *K-19-5*. No painting description (See 2d sheet)

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Avera*

Orchard location: Section *G* Row *5-6* Tree *2*

Arlington Accession No. *6308* (~~*6303*~~ - which?)

Pom. No. <i>40422</i> (Mistake somewhere - this Pom. No is an English Walnut)							
Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number		
1922 -	<i>9/6</i>	<i>102525</i>	1927 -	<i>9/1</i>	<i>109326</i>	<i>(Avera scions - Pom. No. 40472 come from Mr. Irwin's private collection at Eckington 3-10-08.)</i>	
1923 -	<i>9/19</i>	<i>104080</i>	1928 -				
1924 -	<i>9/13</i>	<i>105391</i>	1929 -				
1925 -	<i>9/1</i>	<i>106684</i>	1930				
1926 -	<i>9/1</i>	<i>107843</i>	1931				

Blossom dates: 1924 - *5/2* full bloom

1925 - *4/15* "

1926 - *4/30* - full bloom

1927 - *5/2* - petals nearly all off

1928 - *4/25* - 40% buds open - *5/1* - full bloom

Remarks:

Apparently no record available of what *Avera* should be like. In 1922, possibility of being a large crab was suggested but not confirmed in later observations. In 1923 it appeared as a medium sized, attractive red apple of fair quality scions from W. N. Irwin 3/10/08 - or No. 38007 (3/9/07 from same source).

Characterization:

1925 - *9/4* - Medium size; oblate-conic; yellowish ground color, nearly overspread with rather dull dark red, with more or less russetting, likely due to spray injury. Dots large, mod. numerous, raised, taking form of very small russet areas making a very coarsely finished unattractive apple. Flesh yellowish, fairly fine grain, firm, acid, lack richness, poor quality of no apparent value. In 1926 the 1925 notes were affirmed except that the apples were smooth, rather attractively finished except for slightly raised, large ~~irregular~~ dots which are areoles. In 1927 russetting was again conspicuous.

Storage notes:

none

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

9/11/28

Foliage: Very (abundant) normal scanty. Leaves: Very large
(medium) small; Color: Light dark normal. *Cham.*

Habit of Growth: Very upright (roundish) broad flat (spreading)
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very medium long short; Very (medium) slender
(stout) Medium straight crooked.

Secondary limbs: Numerous (medium) few; (Medium slender) stout;
Drooping.

Twigs: Many medium few; Medium (slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium (slender) stout;
(mostly 1/2) - 1 - 2 - 3 inch; Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Five trees, well branched throughout with great bearing
Illustrations: *surface, yet not shaded*
Tree photographed

Fruit painted *one* - *no net given* Fruit modeled

Fruit described *none*

Disease notes by J. W. Roberts:

9/11/28 *Same branches have a good*
deal of burr knot but does not
seem to have checked the growth.

VARIETY APPLE ORCHARD
Arlington Farm

37

Variety: *Babbitt*

Orchard location: Section *A* Row *344* Tree *1*

Arlington Accession No. *1802*

Tom. No. 24220

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>8/29</i>	<i>102484</i>	:	1927 -		
1923 -	<i>9/27</i>	<i>104100</i>	:	1928 -		
1924 -	<i>9/13</i>	<i>105362</i>	:	1929 -		
1925 -	<i>9/17</i>	<i>106836</i>	:	1930		
1926 -	—	—	:	1931		

Blossom dates: 1924 *4/26, 25% buds open; 5/3, petals mostly off.*
1925 *4/13, full bloom.*
1926
1927

Remarks: *Described in An. Rpt of the Pomologist for 1893, p. 286 - Pub in the An. Rpt of the Dept. of Agr. for that year. A seedling of Baldwin originating with C. W. Babbitt, Woodford Co. Ill. about 1845. Scions from N. Y. exp. Sta. 1902*

Characterization:

1925-9/25. Rather large, quite angular, ribbing distinct; ground color yellow, pretty well overspread with bright red making an apple attractive in appearance. Stems numerous, yellowish, slightly raised, rather conspicuous. Flesh yellowish, fairly fine grained, quite tender, normally juicy, very sour, fairly rich. Were it not for its excessive acidity it would be a very pleasing apple to eat.
(over) *no second sheet*

3/2/26 Fine, strong, large tree. Bark on
trunk and limbs, smooth -
upright, spreading, open; large
bearing surface - many spurs.
A fine type of tree.

Several samplings

" descriptions

(no 2d sheet.)

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Baker*

Orchard location: Section *E* Row *21* Tree *4*

Arlington Accession No. *4312* (See acc. No. *1803*, *A-3+4-2*)
Pom. No. 28411

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—		:	1927 ..	—	
1923 -	—		:	1928 -	—	
1924 -	—		:	1929 -		
1925 -	—		:	1930		
1926 -	<i>9/17</i>	<i>108166</i>	:	1931		

Blossom dates: 1924 - *4/28* - in bloom, *5/6* - part bloom
1925 - *7/14* - 25% buds open, *5/6* 10% buds still unopened. very light bloom.
1926 - *7/30* - 75% " "
1927

Remarks: A note in 1926 for acc. No. 4312 indicates that I considered the 1925 notes for *A:3-4:2* were equally good for this lot of #4312. Some resemblance was noted (to Fallwater in 1925 for #1803 (*A:3-4:2*)). 1926 notes on #4312 it was noted that except for some highly colored specimens it would be difficult to assume that the specimens more suggestive of Fallwater could possibly be same as paintings of *Baker* on file.

Characterization:

See sheet for acc. No. 1803 (*A:3-4:2*)
scions from N. Y. Gt. Sta 3/13/03

Second sheet, Variety *Baker* Acc. No. 4312. A: 21: 4.

Storage notes: Cold storage. Sept 27/26 to Jan 3/27
Examined 1/26/27. Fruit in office refrigerator
meanwhile. Slightly shriveled, otherwise kept
pretty well. Fully mature, perhaps little past prime.
Now fairly fine grain, quite juicy, rather cracking;
very mildly acid. Not rich but pleasant.
Fairly good.

Vigor of Tree: (Exceptionally strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading).
Central leader: (Partially retained) disappeared.

Branching: *well branched*
Main limbs: Very medium long short; Very medium slender
(stout); Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender (stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender (stout);
short 1/2 - 1 - 2 - 3 inch; (Mostly branched (unbranched));

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

one of the best trees.

Illustrations:

Tree photographed Neg. Nos. 44675 & 49014

Fruit painted *several* Fruit modeled

Fruit described #7625-33021

Disease notes by J. W. Roberts:

None 1921, July 27 *Butter* not was
reported, but no mention in any
other year.

VARIETY APPLE ORCHARD
Arlington Farm

40

Variety: *Baker Sweet* (as received - #24221)

Orchard location: Section *A* Row *3-4* Tree *2*

Arlington Accession No. *1803* (see Acc. No. 4312 E-21-4)
Pom. No. 24221

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102603</i>	1927 -		
1923 -	<i>9/24</i>	<i>104056</i>	1928 -	<i>Blossoming dates:</i>	
1924 -	<i>10/1</i>	<i>105439</i>	1929 -	<i>1924. 4/29, 50% buds open; 5/3. fruit full.</i>	
1925 -	<i>9/17</i>	<i>106810</i>	1930	<i>1925. 4/3, 20% " " ; 4/6. full bloom.</i>	
1926 -			1931		

Blossom dates: 1924 } A notation recorded in 1926 for Acc.
1925 } No. 4312 indicates that I regarded
1926 } these 2 lots as identical though
1927 } the fruit was apparently not compared
side by side in any single year.

Remarks: *Specimens from N.Y. exp. Sta. 1862.*
Presumed to be correctly named, but some difficulty in knowing just what Baker really is.
In 1923 (Sept. 27) it was noted that the fruit was extremely large, greenish undercolor, some overspread of red bluish. Fruit compared fairly well with Mr. Swain's description of Baker except that

Characterization: *these specimens were much larger than*
Composite of characterizations in 1924 & 1925. those described.
Good size to very large, a little lopsided
otherwise regular - gen. marks slightly suggestive of Fallwater.
Ground color yellow, partially to nearly all covered with bright red.
Some coarse butternut overspread, dots numerous,
variable, some depressed, brownish; russet leather cracks.
Much coarse russeting about stem, not attractive. Flesh
yellowish, fairly fine grain, tender, juicy, mildly acid,
rather rich, a rather good eating apple. 1924 spec. were
not fully mature when examined but probability of being fairly
rich and good quality was mentioned; realized in 1925.
Only Mr. Swain's desc. as means of identification. 1924 seemed
probably OK. 1925 doubt of identity was expressed (over)

3/2/26. Fine large tree, upright, spreading;
branching normal.

Several paintings;
prescriptions:

#7625

33021

no 2d sheet

Variety Apple Orchard Arlington Farm.

41

Variety: Baldwin

There were several different lots
of this variety as follows:

Acc. No. 1804;	Sec A;	Row 3+4;	Tree 3	{	Pam. No. 24222 (Neg. No. 47856)
" " 1924	" B	" 23-24	" 3	{	Pam. No. 24342. should be Talbot.
" " 4346	" 7	" 5	" 2	{	should be Pam. Golden Pippin Pam. No. 28451 S.W. 6758
" " 6306	" 5	" 3	" 5	{	Pam. 40588. should be seedling - Mr. J. W. 3-27-08
" " 6366	" 5	" 25-26	" 5	{	Pam. 40547. should be McKel. scions 3-13-08
" " 6419	" J	" 17	" 4	{	Pam. 40637 scions from J. W. 3/27/08 should be Millbury
" " 6588	" H	" 26	" 4	{	Pam. 40813 should be Hornshead Pearmain 4/8/08
— — —	" J	" 18	" 1		

(See p 4 for other information as to sources)

Notes on file regarding #6366 were
more complete than for any other lot
and are attached. Limited notes on the
other lots add nothing of importance
and hence were not included in the
summary, except as noted in the sheets
for No. 6366.

The fact stands out, however, that the
fruit from all lots varied widely from
year to year especially in color and
general appearance. Some seasons the
red color was well developed and the finish
very attractive; in other seasons color
development was very poor and the
fruit unattractive, often rough and
(over)

poorly developed; also much variation in size. The Baldwin "waxy" characteristic of the variety in the North was mostly lacking or greatly subdued. When fully ripe, the general impression that the apples were less acid than in the north prevailed.

Though not recorded in the notes, the early dropping of the fruit was characteristic here.

In case of a heavily loaded tree - and not infrequently the trees bore very heavily - the ground beneath the tree would often be literally covered with drops as early as August. This was - and is - true of many Northern varieties when grown as far south as this.

Questions prevailed throughout the studies regarding the identity of several numbers:

4346 7-5-2 according to the records should be Hubbardston. It was identified in 1925 as Baldwin. Possibly Tree 6 - not shown may have been Hubbardston.

How Hubbardston appeared is in acc. Card says Baldwin. Piff. S.P. 675. Orchard also had list put no 4356 as Hubbardston.

acc. No. — 9-18-1. Position shows Kinnard, but fruit identified as Baldwin. Records show 17 & 18 were different in tree characters. 17 a very poor tree, and appeared same as 16 - a mix-up somewhere.

Acc. No. 4346. Pam. No. 25451.-

Supposedly American Golden Pippin.
S.P.J. 6758 from Sidney. N. S. W.

The scions from which No. 25451
was supposedly propagated came
from nursery trees growing on
the Potomac Flats, which in
turn were recorded as Pam. No. 21702.

This No. was probably propagated
from original material received
from N. S. W. - Rather this should
have been the sequence but since
the apple turned out to be Baldwin
- so regarded - a mix-up occurred
somewhere along the line.

Acc. No. 4619. Pam. No. 40637.

The scions from which this Pam. No.
supposedly was propagated were
received 3/25/08 from the private
collection of W. N. Irvine in
Eppingham under the name

Mullbay Favorite (Restricted).

Pam. 40637 refers back to Pam. No.

11727 which recorded scions

of Mullbay's Favorite (Restricted)

received from C. S. Scott, Links Grove,

W. Va. The fruit was regarded as

Baldwin by identification. There

is neither fruiting, or description of

Mullbay on file. Characteristics of the variety are
not known to us.

Acc. No. 1804, Pam. No. 24222. Scions
renewed as Baldwin, from N. Y. Appl-
Station 3/6/02

Acc. No. 1924, Pam. No. 24342, Scions
renewed 3/6/02 as Tabbat, from
N. Y. Luther. Identified as
Baldwin.

Acc. No. 6588, Pam. No. 40813 should
be Horned Parnassian - scions
from H. C. B. Colwell, Missoula, Mont.
4/6/08

Acc. No. 6306, Pam. No. 40588 should
be Leeching No. 10 from U. T. Cox,
Proctorville, Ohio 3/14/08

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Baldwin*

Orchard location: Section *G* Row *25-26* Tree *5*

Arlington Accession No. *6366*

Pom. No. 40547

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/28</i>	<i>102650</i>	1927 -	<i>9/21</i>	<i>109425</i>
1923 -	—	—	1928 -	<i>9/28</i>	<i>110425</i>
1924 -	—	—	1929 -	<i>9/9</i>	<i>111139</i>
1925 -	<i>10/12</i>	<i>107084</i>	1930 -	—	—
1926 -	<i>10/13</i>	<i>108298</i>	1931 -	<i>10/6</i>	<i>112314</i>

Blossom dates: 1924 — *no bloom.*
Scions received as McKee 3-13-08 from former collection of W. H. Swain in Eckington.
1925 — *4/15, 90% buds open; 4/30, well past full.*
1926 *4/30. full bloom - but light.*
1927 *4/20 - first " 5/1 full - but blossoms scattering.*
1928

Remarks:

1925 - reference is made to # 24:3 for notes. Characterization below is substantially that for this lot (acc. no. 6438) in 1927. No. 6366 + 6419 were good size + comparable, but very poorly colored.

Apparently *Baldwin* by identification. What McKee should be like seems uncertain (over)

Characterization:

Based mostly on 1925 notes on acc. No. 6419 to which 6366 was referred: Good size for the var. Roundish, fairly regular.

Ground color yellow, nearly covered with heavy wash of bright red, buttermilk flecks + overspread on same spec. whitish bloom. Some russet markings maybe spray injury. dots. Many, both depressed + raised. Former are inconspicuous, latter yellowish + conspicuous.

Flesh. yellowish, fairly fine grain, mod. tender, quite juicy, mildly acid when in prime eating condition, these spec. when fully ripe, especially high quality for the variety. *Baldwin* twang, subdued, acidity toned down making a really pretty good apple. These spec. more nearly typical of Northern grown *Baldwin* than is usual here.

1929-Sept. 10. Notes supply other details:
Color noticeably lacking - Cavity ~~medium~~
medium, stem $\frac{3}{4}$ " med. Basin medium
calyx lobes mod. long, converging; eye
small to medium, usually closed
This date sharply acid, but too
immature for test. Other 1929 notes
add nothing of importance.

There is a notation after the Pan. Jour
entry 4054 > McKee - "restricted" -
which implies that the variety
was not available for distribution.

Second sheet, Variety *Baldwin* (G: 25-26:5)

44

Storage notes: 1926 - Oct 26. Stored. Removed March 8/27.
Exam. 3/16/27 In refrigerator between these dates.

Kept well so far as appearance goes. Same Baldwin spot.
Flesh characteristically yellow, fairly fine grain, quite
tender. Rather soft, fairly juicy, mildly acid, fairly
good. Qual. but lack Baldwin flavor of North. Consideration
of southern grown spec., results fairly good.

1927. Dec. 8 Poorly colored this year. Flavor suggests immature
fruit, though in juiciness & flavor, fairly good. Same
breaking down of tissue (not much) within core; considerable
Baldwin spot.

Vigor of Tree: Exceptionally strong average weak. Size;
Exceptionally large average small.

fine large vigorous tree

Foliage: Very (abundant) normal scanty. Leaves: Very (large)
clean medium small; Color: Light dark normal.

9/26/28

Habit of Growth: Very upright (roundish) ~~broad-flat~~ (spreading).
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
(stout); Medium straight crooked. *well branched*

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping. well distributed throughout tree

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy. *well distributed throughout tree*

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed *neg no. 42657*

Fruit painted *several*. Fruit modeled

Fruit described *many*

Disease notes by J. W. Roberts:

*In 1925 same Baldwin spot was noted
" 1926, there was but little " "*

(over)

acc. No. 6306 5:3:5

1924 - no bloom

1925. $\frac{4}{15}$, 50% buds open; $\frac{4}{20}$, past full.

acc. No. 6419 9:17:4

1924, $\frac{5}{2}$, 75% buds open. $\frac{7}{6}$, past full -
very light bloom

1925. $\frac{4}{15}$, 50% buds open; $\frac{4}{20}$, well
past full.

VARIETY APPLE ORCHARD
Arlington Farm

45

Variety: *Baltimore*

Orchard location: Section *I* Row *14* Tree *4*

Arlington Accession No. *5246*

Row No. 35819

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102599</i>	1927 -	—	—
1923 -	<i>10/12</i>	<i>104235</i>	1928 -	<i>10/10</i>	<i>110674</i>
1924 -	<i>10/18</i>	<i>106006</i>	1929 -	<i>9/23</i>	<i>111241</i>
1925 -	—	—	1930	<i>9/19</i>	<i>111647</i>
1926 -	<i>9/24</i>	<i>108168</i>	1931	<i>10/6</i>	<i>112315</i>

Blossom dates: 1924 *5/2* - full bloom
Scions received 3/30/06 from
 1925 *4/15* - few clusters only
Edam Eyford 1926 *4/30* - full bloom
Nova Springs 1927
La. 1928 *5/1* - " "

Remarks: *No. 13 (row) of this pair of trees was spencer seedless - apparently mixed in planting.*

Notes indicate wide seasonal differences in development. 1924 fruit was highly colored and attractive. Less well colored most seasons, variable

Characterization:

Based mostly

on spec stored 10/18/28. Exam. 7/9/29.

*Size med. to slightly above, oblate, slightly conic. Ground color yellow - when well colored, heavy wash (overspread) with medium to dark red with indistinct striping in certain areas (Many seasons thin dull red, overspread, unattractive). Cavity medium to rather deep and abrupt, frequently lippled; stem 1/2" - 3/4" slender; Basin shallow, broad; calyx lobes small to medium, converging, eye closed; * heavy bluish bloom, dots usually many, variable, some yellowish, conspicuous; flesh tinged yellow, fine grain, tender, juicy, mildly acid, not rich but pleasant. In season 10/30/24. In 1926 - Oct 4, poorly colored spec were harshly acid, no char. flavor.*

Report of the Director of the Bureau of Plant Industry
for the year 1907

Presented to the Senate and House of Representatives
at their respective sessions, January 14, 1908

WASHINGTON: GOVERNMENT PRINTING OFFICE: 1908

Item	Quantity	Value	Remarks
1. Cotton	100 bales	\$100.00	
2. Wheat	100 bushels	\$10.00	
3. Corn	100 bushels	\$10.00	
4. Soybeans	100 bushels	\$10.00	
5. Rice	100 bushels	\$10.00	
6. Sugar	100 bushels	\$10.00	
7. Tobacco	100 bushels	\$10.00	
8. Apples	100 bushels	\$10.00	
9. Oranges	100 bushels	\$10.00	
10. Lemons	100 bushels	\$10.00	

The following table shows the quantity and value of the principal agricultural products of the United States for the year 1907. The quantities are in bushels, and the values are in dollars.

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Second sheet, Variety

Baltimore

Storage notes:

Spec picked 10/10/28. Stored 10/18/28
Out 7/4/29 Exam. 7/9/29. Except for slight
wilting appeared in excellent condition.
Proceeding characterizations based largely on these spec.
Quality 7/4/29 noted as very mildly acid, rather flat,
fair quality. "Probably not at best, even for this
section because of manner of handling." Apparently
kept beyond season.

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

mostly retained this date. 11/6/28

Habit of Growth: Very upright roundish (broad) flat (spreading)
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very medium slender
(stout); Medium (straight) crooked.

Secondary limbs: (Numerous) medium few; (Medium) slender stout;
(slightly drooping)

Twigs: Many medium (few) (Medium) slender stout; Long (medium)
short; (Straight) branched (twiggy); Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium slender stout;
(1/2 - 1 - 2 - 3 inch) Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open (dense stocky
grower); Top round much (broader narrower than tall).

stocky, sturdy spreading type with rather dense top.

Illustrations:

Tree photographed

Fruit painted 428914 54723 Fruit modeled
+ 12588 + 106006

Fruit described #12588 - 30283

Disease notes by J. W. Roberts:

None

1. The first part of the report deals with the general situation of the country and the progress of the work during the year.

2. The second part of the report deals with the results of the work during the year and the progress of the work during the year.

3. The third part of the report deals with the results of the work during the year and the progress of the work during the year.

4. The fourth part of the report deals with the results of the work during the year and the progress of the work during the year.

5. The fifth part of the report deals with the results of the work during the year and the progress of the work during the year.

6. The sixth part of the report deals with the results of the work during the year and the progress of the work during the year.

7. The seventh part of the report deals with the results of the work during the year and the progress of the work during the year.

8. The eighth part of the report deals with the results of the work during the year and the progress of the work during the year.

9. The ninth part of the report deals with the results of the work during the year and the progress of the work during the year.

10. The tenth part of the report deals with the results of the work during the year and the progress of the work during the year.

11. The eleventh part of the report deals with the results of the work during the year and the progress of the work during the year.

12. The twelfth part of the report deals with the results of the work during the year and the progress of the work during the year.

47

VARIETY APPLE ORCHARD
Arlington Farm

Variety: Banana

Orchard location: Section H Row 9-10 Tree 4

Arlington Accession No. 6398 (see also #7236. See J:8:4) -
also Banana
var. No. 40389

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	9/6	102497	1927 -	9/22	109466
1923 -	—	—	1928 -	9/8	110400
1924 -	—	—	1929 -	—	—
1925 -	9/8	106811	1930 -	—	—
1926 -	—	—	1931 -	—	—

*ascribed, Rpt. Pomologist 1895, p. 20
Blossom dates: 1924 — 5/2, 40% buds open; 5/6, part full, but still few buds
1925 — 4/15, 25% " " ; 4/20, well past full.
1926 — 4/30 center buds open - poor trees, light bloom

1928-1927 4/26 first bloom; 5/1 30% buds open - or less
Remarks: Scions from W. H. Swin 3/27/08 (see over) less
Both trees very poor condition - see 2d sheet.
1925 9/28. Noted that spec. were about the poorest of the var. we see in the office. Were small, heavily russeted - likely spray injury - very indifferent in every way. Sept 27/1927. Spec. (this year fairly good for var. see below)

Characterization:

Based on 1927 specimens:

Spec. well finished, fairly good size, perhaps a little below typical size; some spec. oblate conic but more are roundish conic, a few slightly elongated. Ground color yellow with fair amount of char. blush on some of spec. dots numerous, some ~~depressed~~ submerged, whitish, minute almost imperceptible; also some brownish, slightly raised and rather conspicuous on yellow surface. Flesh yellowish, fine grain, firm, fairly juicy, mildly acid. At its best it is good & but rather variable. A little water core.

BRIDGE LITH. PLANT
- 1917 -

Obviously a mistake in the Pam. No.
since 40388 records *Scaphium cullingsi*
renewed 7/5/08.

Second sheet, Variety *Banana* (# : 9-10 : 4) 48

Storage notes:

1927. Dec. 12. Removed from storage
this date. Excellent condition. Very
fine grain, tender, almost melting.
Fairly juicy with supposed banana
flavor more apparent than is often the
case - perhaps sufficient to justify the name.
However, rather flat, lacking richness; rating good
in quality or better. Perhaps a little past prime eating
condition.

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small)

Foliage: Very abundant normal (^{now} scanty). Leaves: Very large
(medium) small; Color: Light dark (normal)

Habit of Growth: Very upright roundish broad flat (spreading)
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous medium (few) Medium slender stout;
Drooping.

Twigs: Many medium (few) (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched);

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense stocky
grower; Top round much (broader narrower than tall). See below

Illustrations:

Tree photographed

Fruit painted several

Fruit modeled

Fruit described several

Disease notes by J. W. Roberts:

Poor weak trees - perhaps, rather, small rather
than weak. No apparent disease. Trees
simply haven't made growth. Several
others in this location in orchard in
like condition. Tree #7236 (J! 8! 4) is in
very much better condition than these.

VARIETY APPLE ORCHARD
Arlington Farm

49

Variety: *Banana*

Orchard location: Section *J*

Row *S*

Tree *4*

Arlington Accession No. *7236*

See #6398, #9-10:4

Year - Date Picked Pomology Number

Year -

Date Picked

Pomology Number

1922 -

1927 -

1923 -

1928 -

1924 -

1929 -

1925 -

1930

1926 -

1931

Described, Rpt Pomologist, 1895

Blossom dates: 1924 -

known from
M. J. Graham,
Adel, Ia. 1909

1925 -

1926 -

1928 1927 -

Remarks:

Fruit quite variable from season to season.
1924 - 1/4 spec. large for var. Have a little bluish. Scales
larger, brownish, more conspicuous than usual.
1930 - 9/13. Spec. small for var. though same fair size in
lot. Probably picked prematurely. Not a sign
1931 - 1/16. Better color & finish than usual. 1/6 bluish on any spec.
and especially good flavor
for the var. Juicy. This was the latest picked
sample in records of both lots. Were
others picked to early for quality to
develop, and does that account for
wide variation in quality of different
fruits?

Characterization:

1928 - 9/20 -

Cavity med.
stem 1/2" - 3/4"
rather slender,
fruits taper
sharply towards apex.

Basin shallow, narrow; calyx lobes medium,
converging; eye closed.

1929 - 9/10.

Not much color - a little bluish on some spec.
some water core. Fairly fine grain -
juicy, mildly acid; looks richness, fair
quality. Eating ripe.

Storage notes:

None

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Mostly of this date.

Habit of Growth: Very upright roundish (broad) flat (spreading)
Central leader: Partially retained (disappeared)

11/14/28

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; (Medium open
dense) Willowy.

Spurs: Very many (medium) few; Very medium slender (stout)
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense stocky
(grower); Top round much (broader narrower than tall)

Broad spreading habit prin. feature to note

Illustrations:

Tree photographed Neg. No. 49026

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

None.

*These trees apparently in very much
better condition than H: 9-10: 4*

VARIETY APPLE ORCHARD
Arlington Farm

51

Variety: *Bank Gravenstein*

Orchard location: Section *f* Row *25* Tree *2*

Arlington Accession No. *8584*

Pom. No. 46747

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	<i>8/15</i>	<i>109264</i>
1923 -	<i>Aug. 4</i>	<i>103384</i>	:	1928 -	<i>8/9</i>	<i>110246</i>
1924 -	—	—	:	1929 -	—	—
1925 -	<i>8/20</i>	<i>106624</i>	:	1930	—	—
1926 -	—	—	:	1931	—	—

Blossom dates: 1924 - *5/2* - *full bloom*

see over for source

1925 - *4/15* "
1926 - *5/3* petals 75% off

1927 - *4/16* - 50% buds open
1928 - *4/16* - 50% first bloom; *4/26*, 35% in bloom; *5/1* full "

Remarks: acc. No. 8385 (*J: 26:1*) is also *Bank Gravenstein* but no notes on fruit except picking dates: *7/26/22* + *8/4/23*. Tree apparently was taken out before season of 1924.

#8584; Aug 26/25 - it was noted: Not as well colored as this sport usually has been. In texture & flavor, not up to a good standard for *Gravenstein*.

Characterization:

1927- *8/17*. Fruit has appearance of a well-striped *Gravenstein*. *Gravenstein*, this date at Arlington has little color. These spec. are moderately striped. It is larger and better finished than *Gravenstein* but *Gravenstein* has never shown up well here. #8384 - this year (1927) is well above medium size; ground color yellow striped moderately, dots small, inconspicuous, scattered, brownish, some whitish, depressed, all inconspicuous: flesh distinctly yellowish, rather coarse, tender, juicy, mildly acid, fairly rich, pretty good if not overripe. Tends to meakiness when over ripe. This is not a region where *Gravenstein* and its sports are at their best. (over)

1928 - 7/17 It was noted that specimens in hand
of 8584 hardly looked like apples of Grawenstein
type.

See 8585 (p. 25: 3) for Red
Grawenstein.

Pam. No. 46747, skins of
Banks Grawenstein received
4/22/10 from A. H. Johnson,
Wolfville, N. S.

Storage notes:

None

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally (large) average small.

while a large tree, it somehow does not suggest good vigor
Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal. Mostly off

11/3/28

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender stout; Medium straight crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout; Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium) short; (Straight) branched twiggy; (Medium) open (dense); Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout; (1/2 - 1 - 2 - 3 inch; Mostly branched (unbranched); Spur twigs: (Few) medium many; Terminal bearing mostly considerable slight none

General aspect of tree: (Medium) slender open dense (stocky grower); Top (round) much broader narrower than tall.

Illustrations:

Tree photographed Neg. nos. 42655 + 50733

Fruit painted None (?)

Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

None by J.W.R. Tree note states that one main limb has had blight (?) and most of it cut off.

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First main paragraph of handwritten text, starting with a capital letter.

Second main paragraph of handwritten text, continuing the narrative or list.

Third main paragraph of handwritten text, possibly a concluding sentence.

Small handwritten note or signature at the bottom left.

Small handwritten note or signature at the bottom right.

VARIETY APPLE ORCHARD
Arlington Farm

53

Variety: *Barcroft*

Orchard location: Section *G* Row *13-14* Tree *5*

Arlington Accession No. *6335*

Pom. No. 40512

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	:	1927 ..	—	:
1923 -	—	:	1928 -	<i>9/27</i>	<i>110426</i>
1924 -	<i>10/8</i>	<i>105704</i>	1929 -		
1925 -	—	<i>169</i>	1930		
1926 -	<i>10/4</i>	<i>108169</i>	1931		

Blossom dates: 1924 - *5/2*, 25% buds open; *5/6*, full - but very light bloom.
1925 - *4/15*, 50% " " " ; *4/20* " " " few clusters only.
1926 - *4/30*, center buds open " " "
~~1927~~ 1928 - *4/25*, first bloom; *5/1*, full bloom.

Remarks:

1928- *10/4* - An attractive little apple but too small.
Scion received 8/13/08 - from private collection
of W. H. Swin at Ekington.

Characterization:

1926 + 1928 notes. Size small, distinctly oblate and ribbed.
being definitely 5-sided. Ground color yellow, nearly
all overspread with bright red, indistinctly striped where
highly colored, more distinctly where less well colored. Dots
many, small, inconspicuous to eye but raised enough
to give pimply effect to touch. Cavity rather deep, broad,
stem hardly *1/4*" basin, deep, somewhat abrupt;
calyx lobes short, eye closed. Flesh yellowish,
firm, fine grained, crisp, juicy, sprightly acid,
pleasant, fairly rich, good when fully ripe -
about mid. Oct. But too small to be of value.

Second sheet, Variety

Barcroft.

Storage notes:

1926 crop. In storage until 7/25/27 Exam 7/28/27.
Slightly shriveled, some spec. completely 1/27.
decayed; others good cand. except for shriveling.
Flesh now yellowish, fine grain, fairly tender,
moderately juicy, mildly acid, with characteristic
rather pleasant flavor; fairly good quality.
Probably a little past prime.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
(medium small); Color: Light dark normal.

Habit of Growth: (Very upright) roundish broad flat spreading.
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very medium long short; Very medium (slender)
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping. *well branched*

Twigs: (Many) medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium to few) Very medium (slender) stout;
(mostly 1/2) - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender (open) dense stocky
grower; Top round much broader narrower than tall.
1928 an. growth 10"-12"

Illustrations:

Tree photographed

Fruit painted #1137/110426 Fruit modeled

Fruit described #11371

Disease notes by J. W. Roberts: none

No. 13 appreciably the stronger tree, located at
foot of bank; No. 14, on the bank. Spurrson #13
suggest tree never has been productive. Trunks
both trees somewhat grooved as if growth
of trunk has been more rapid same seasons
than others, yet no apparent disease

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Barnes Best*

Orchard location: Section *D* Row *7-8* Tree *2*

Arlington Accession No. *3073*
Pam. No. 24521

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
--------	-------------	-----------------	--------	-------------	-----------------

1922 -

1927 - *note*

1923 -

1928 - *Jour (Pam) No. 28507*

1924 -

1929 - *Travels fruit received*

1925 -

1930 *3/27/03 from Holland & Co*

1926 -

1931 *Plymouth, Ind. as Barnes
Best apple - which was
identified as Munster.*

Blossom dates: 1924 *4/26. First bloom; 5/3. past full.*
1925 *4/14. 90% buds open.*
1926
1927

Remarks: *no satisfactory information as to
what this variety is supposed to be like.
The fruit so closely resembled Nero that
in 1923, 1924, and 1925, it was so identified.
Barnes Best is supposed to have come*

Characterization: *from Plymouth, Indiana,
Jour. No. 24521. - from
Holland & Co.*

*Acc. No. 3065; Pam. No. 23872 was also received
in 1902 from Holland & Co, Plymouth, Ind.
as was acc. No. 3073. Why 2 lots of supposedly the
same variety - were received the same year
from the same source is
not clear. The orchard
records for No. 3065 were
under the variety name
Nero - but a full identification was never made (over)*

*(210 2d sheet)
no fainting*

3/1/26. Large, roundish, spreading top;
smooth bark, branching
normal, many twigs, quite
a lot of spurs.

Description: No. 26780 is labeled
"Barro" - whether the same as
this apple is uncertain.

VARIETY APPLE ORCHARD

Arlington Farm

File under

Variety: *Nero (?) Barnes Best ??*

Pomology No. 23872

Orchard location: Section *D* Row *3-4* Tree *5*

Arlington Accession No. *3065*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>9/30</i>	<i>102749</i>	:	1927 -		
1923 -	<i>10/26</i>	<i>104301</i>	:	1928 -		
1924 -	<i>10/28</i>	<i>105966</i>	:	1929 -		
1925 -	—	—	:	1930 -		
1926 -	—	—	:	1931 -		

Blossom dates: 1924 - *Note: Pom. No. 23507 records apples received 3/23/03 from Holland & Co Plymouth, Ind. as Barnes Best, which were identified as Harker*
1925 -
1926 -
1927 -

Remarks: *The stock supposedly was received 4/3/02 as Barnes Best from Holland & Co, Plymouth, Ind. as was also acc. No. 3073, Pom. No. 24521, supposedly Barnes Best. No varietal notes were made on this lot - No. 3065. The orchard records were under*

Characterization: *the name Nero and all of above samples of fruit were so labeled. Perhaps the Pomology No. entries will explain the 2 lots. Possibly No. 3065 was sent as Nero, - not Barnes Best - which would explain the 2 lots in one year from this source.*

This Nero situation is badly muddled. Note: 1/4/02 there were received from Holland & Co fruit and wood of Barnes Best. This is No. 23872. 3/29/02 No. 24521. Trees and crosses were received from same source.

Both four entries record Barnes Best.

VARIETY APPLE ORCHARD
Arlington Farm

57

Variety: *Barny.*

Orchard location: Section *U* Row *3-4* Tree *5*

Arlington Accession No. *1805*
Row No. 24223

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/10</i>	<i>102305</i>	1927 ..		
1923 -	<i>8/23</i>	<i>103858</i>	1928 -		
1924 -	<i>9/13</i>	<i>105363</i>	1929 -		
1925 -	—	:	1930		
1926 -	—	:	1931		

Blossom dates: 1924 *4/29, 25% buds open; 5/3 full bloom.*
1925 *4/13, 25% " " ; 4/16 " "*
1926
1927

Remarks:

*Very little information available -
No record of spec. exam. after 1924.
See - Apples of New York, Vol 1, p. 63. Beach says
originated about 1880 in nurseries of Ellwanger
& Barry, Rochester, N. Y. Scions from N. Y. Sta. 1902*
Characterization: *9/26/24 it was noted: Chicks with painting
well. Flesh white, fairly fine grain,
rather acid. No particular account.*

*Painting # 22549
Description: 22549*

*no 2^d sheet
(over)*

2/27/26. Upright, spreading, fine
healthy tree; normal
branching with great number
of small twigs that tend to
droop slightly.

Pam. No. 24464. Acc. No. 3034 - Ware
Barvy scions received 3-25-02, from
Ellwanger & Barvy, Rochester, N. Y.
These trees (true triploid) from these
scions were apparently planted at
C: 17-18:5 but no record of fruit was
recorded. No picking records on file.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Batigue (Bietigheimer?)*

Orchard location: Section *K* Row *23* Tree *5*

Arlington Accession No. *10877* (so recorded - but did Arlington
have No. 50517? *acc. was run that high?*)

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	:	1927 ..		
1923 -	—	:	1928 -		
1924 -	<i>8/22</i>	<i>10512</i>	1929 -		
1925 -	—	:	1930		
1926 -	—	:	1931		

Blossom dates: 1924

1925

1926

1927

Remarks:

No record except for 1924. Noted that the fruit in general appearance suggests Bietigheimer and it was believed to be that variety. Seans from private collection of W. H. Irvine.

Characterization:

in Eckington 4/19/11
Very large, yellowish, with considerable bluish; flesh slightly tinged yellow, mildly acid, fairly good. Large size is its striking characteristic.

No painting

Description: 9339

20 22 sheet

1914-1915 ANNUAL REPORT OF THE BOARD OF SUPERVISORS OF THE COUNTY OF ALBANY, N. Y.

ALBANY, N. Y., JANUARY 1, 1916.

JAMES C. HARRIS, Chairman.

Item	Amount	Total
Salaries	\$10,000	\$10,000
Travel	500	500
Postage	100	100
Telephone	200	200
Light	100	100
Heat	100	100
Water	100	100
Gas	100	100
Electric	100	100
Printing	100	100
Stationery	100	100
Repairs	100	100
Insurance	100	100
Interest	100	100
Other	100	100
Total	\$11,800	\$11,800

JAMES C. HARRIS,
Chairman.

The Board of Supervisors of the County of Albany, New York, in its annual report for the year 1914-1915, has the honor to acknowledge the assistance and cooperation of the various departments of the County, and the many friends of the County who have aided in the work of the Board. The Board has the pleasure to announce that the County has been successful in securing the necessary funds for the year, and that the same have been expended for the various purposes for which they were appropriated. The Board also has the pleasure to announce that the County has been successful in securing the necessary funds for the year, and that the same have been expended for the various purposes for which they were appropriated. The Board also has the pleasure to announce that the County has been successful in securing the necessary funds for the year, and that the same have been expended for the various purposes for which they were appropriated.

VARIETY APPLE ORCHARD
Arlington Farm

57

Variety: *Baxter (?) (See over)*

Orchard location: Section *A* Row *3-4* Tree *5-*

Arlington Accession No. *1806 (See 6310; 5:5-6:3)*
Pom. No. 24224 (1806) also Baxter (?)

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
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1922 -	9/1	102490	:	1927 ..	
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1923 -	9/13	103916	:	1928 -	
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1924 -	9/13	105364	:		
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1924 -	9/15	105440	:	1929 -	
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1925 -	9/17	106812	:	1930	
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1926 -			:	1931	
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Blossoming dates:

1924. 4/29, 50% buds open;
5/3, full bloom

1925. 4/14, 50% buds open;
4/16, full bloom

Blossom dates: 1924

1925

1926

1927

The same question was raised each year regarding the identity of this variety. Same is true also regarding No. 6310.

No evidence in notes (nor do I recall)

Remarks:

that fruit of these 2 numbers was ever compared one with the other. Not sufficiently familiar with Baxter to be sure what it is like and paintings do not help very much. It may be that too much importance was placed on red staining of flesh. Berch says (Apples of N.Y. Vol. 1 pp 64-66) "flesh yellowish, sometimes stained" - apparently the

Characterization:

Scions No. 1806 from N.Y. Sta 1902 not stained.

1925-9/26. Fair size, slightly oblate conic. Ground color yellowish, nearly all overspread with thin wash of dull red, with indistinct striping. Dots large, brownish, areole, conspicuous. Flesh yellowish, tender, very mildly acid, not very juicy; pleasant though rather flat. No suggestion of red staining in flesh.

Further noted that according to Jour. entry 31286 there was no definite information as to what this variety really is.

scions were received from N.Y. Station
as Bayler in 1902. That station
received its propagating material from
Canada as Bayler Red. On March 15,
1904, ^{specimens of the apple were received from} E. M. Taylor of the N.Y. Station
~~sent~~ for identification. Report
to him was - "not Bayler -
not recognized".

Second sheet, Variety

Baptis (?) (#6310. 5:5-6:3)

Storage notes:

2 lines

Vigor of Tree: Exceptionally strong average (weak) Size: (Medium) Exceptionally large average small.

Foliage: (Probably was) (Now) Very abundant) normal. scanty). Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (slightly spreading) Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very (medium long) short; Very medium (rather slender) stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping. well branched

Twigs: Many (medium few) (Medium) slender (stout); Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout; 1/2 - (1 - 2) - 3 inch; Mostly branched unbranched; Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium (slender open) dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted

Several

Fruit modeled

Fruit described *7896-32982

Disease notes by J. W. Roberts:

1921, 8/10.

Biliter rot noted as severe

1928 9/18.

reference was made to what appeared to be a good deal of cup spot.

VARIETY APPLE ORCHARD
Arlington Farm

61

Variety: *Baxter*

Orchard location: Section *5* Row *5-6* Tree *3*

Arlington Accession No. *6310* (See No. 1806. A: 3-4: 5)
Don. No. also *Baxter?*

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	:	1927 -	8/25	109327
1923 -	—	:	1928 -	9/8	110363
1924 -	—	:	1929 -	—	—
1925 -	—	:	1930 -	—	—
1926 -	9/7	107906	1931 -	9/16	112300

Blossom dates: 1924 - $\frac{5}{2}$ 20% buds open; $\frac{5}{6}$ full bloom but very light.
1925 - $\frac{4}{15}$ 25% " " ; $\frac{4}{20}$ full bloom
1926 - $\frac{4}{30}$ 40% " "
1927-1928 - $\frac{4}{20}$ first bloom; $\frac{4}{25}$ 20% buds open;
 $\frac{5}{1}$ 85% buds "

Remarks:

See Remarks on No. 1806 (A: 3-4: 5). Apply to this No. also. Scans of 6310 were from private collection of W. N. Drwin in Eckington - received 3-10-08. (see over) In one season, 1928, reference in notes was made to red stained flesh. Comment that while not pronounced, it could be readily detected. That year probability of variety being Baxter was stated, but question raised again in 1931.

Also in 1927 ($\frac{9}{2}$) peculiar shape of seeds in spec. seemed so typical of shape shown in paintings, and which was unusual gave considerable support to Baxter being correct. Also in 1926 panels of similarity of various characteristics to paintings were enumerated. Absence of stained flesh seemed to be the character most lacking, but from search in apples of N. Y. this absence of red staining was likely not significant but was given too much weight in examining the fruit.

Mr. Drwin supplied scans of Baxter for (over)
Arlington 3/1907 your No. 38009 $\frac{1}{4}$. Whether this or 1908 is correct is uncertain.

Characterization: Based on fairly full notes
notes in 1926, 1927 and 1928.

Size - large to very large, smooth,
regular; roundish, slightly conic, same
spec a little oblate; Color pale yellow,
nearly all over wash of bright red with
indistinct striping, making an attract-
ive fruit. ~~Solo~~ many, depressed, pale yellow
areole, conspicuous. Cavity, deep, abrupt,
stem $\frac{1}{2}$ ", moderately stout. Basin,
moderately deep and broad, tubular calyx
tube open to core; calyx lobes large, con-
verging; eye funnel shape, closed or open
depending on relative length of calyx lobes;
Flatt yellowish, coarse grain, looks
juicy, tending to meanness, very mildly
acid, with flat non-descript flavor,
looks richness, poor quality.
Seeds many, large, relative short, plump
and "chunky" as shown in several
paintings of Baxter, and which seem
to be particularly characteristic of that
variety - lending considerable support
to probability of this apple being Baxter.
Same spec., in texture of surface,
dots, form of basin, eye etc, suggest
We after somewhat.

Trm. sec L Row 22.T 1 picked ~~8/27/25~~
8/27/25 (no acc no. given) were considered
identical with 6310 (5:5-6:3).

no 2d
sheet

VARIETY APPLE ORCHARD
Arlington Farm

62

Variety: *Beach (apple of Commerce)*

Orchard location: Section *D* Row *9-10* Tree *2*

Arlington Accession No. *3078*

Poin No. *24539*

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/30</i>	<i>102755</i>	1927 -		
1923 -	<i>9/27</i>	<i>104099</i>	1928 -		
1924 -	<i>11/4</i>	<i>105971</i>	1929 -		
1925 -	<i>10/8</i>	<i>106990</i>	1930		
1926 -	—		1931		

Blossom dates: 1924 *4/6, first bloom.*
1925 *4/14, 50% buds open; 4/18, full bloom - few clusters only.*
1926
1927

Remarks: *no record after 1925. No storage notes. Probably was considered too well known and too poor in quality and in other respects - except perhaps appearance to battle with in serious detail.*

Characterization: *Scions from Stark Bros. Louisiana, Mo. 1902*

1925 - 10/14 noted - that while spec. not as highly colored as sometimes they were pretty well overspread with a bright-brilliant shade of red suffusing and purplish bloom. Flesh very satiny, tinged yellow. Flesh fine grain, very hard, moderately juicy, mildly acid - lack richness. Spec for from eating ripe. (over)

1924. Sample picked 11/4, apparently
these were the best colored in
any year. In view of the
character of the variety, it is
suspected that the spec.
^{most} in other years were picked
too early for the best records
of color and other details.

No 2d sheet

3/1/26 Medium size tree, or below
rather low top, spreading;
roundish, branching
normal, many small twigs.

Several paintings
" descriptions

Variety Apple Orchard
Arlington Farm.

63

Variety: Ben Davis -

There were 4 different lots of trees of
this variety, as follows:

✓	Acc. No. 1809	Location. Sec. A, Row 5-6, Trm 3
✓	" " 3223	" " D " 21-22 " 4
✓	" " 4313	" " E " 21-22 " 5
	" " 4988	" " E " 5-6 " 3

Because of different picking and other
records for the different lots it is
impracticable to make a single
composite record for the variety.

Notes not very full, probably because
the variety is so well known and
other complete records are otherwise
available.

HDS

VARIETY APPLE ORCHARD
Arlington Farm

64

Variety: *Ben Davis*

Orchard location: Section *A* Row *5-6* Tree *3*

Arlington Accession No. *1809* (see other nos. attached)
from no. 2422

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	:	1927 ..	<i>10/6</i>	<i>109636</i>
1923 -	—	:	1928 -		
1924 -	—	:	1929 -		
1925 -	—	:	1930		
1926 -	<i>11/1</i>	<i>108474</i> :	1931		

Blossom dates: 1924 - *4/29* - 50% buds open; *5/3* full bloom
1925 - *4/13* - 25% " " ; *4/16* " "
1926 - Row 5 buds 50% open when Row 6 only center buds in cluster open. no date
1927

Remarks:
1926 - 11/6 spec. this year are unusually small for var. but highly colored and attractively finished.
scions from N.Y. Expt. Sta. 1902

Characterization:
not much to add to notes for No 3223. spec in 1927 noted as roundish cone (oblate cone in 1928 (no. 3223). eye usually half, or slightly open.

Second sheet, Variety *Ben Davis* (1809 - A:5-6:3) 65

Storage notes:

1926 Crop. - Storage until 4/2/27 Exam 4/7/27
No spec. note. apparently in good condition.

1927 crop. Storage until 2/27/28 Exam 3/9/28
In office refrigerator meanwhile. In good condition
as to texture, firm, no shriveling but scald bad.

(Good)

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally ^{fairly} large average small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
medium small; Color: Light dark normal.
Leaf hopper marks -

Habit of Growth: Very (upright) roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching: *well branched, limbs smooth*
Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.
Secondary limbs: ^(fairly) Numerous medium few: (Medium) slender (stout)
Drooping.

Twigs: (Many) medium few; (Medium) slender (stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very (medium) slender (stout);
1/2 - 1 - 2 - 3 inch; Mostly (branched) unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none (*flowers mostly*)

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed *Neg. No. 47857*

Fruit painted *Several* Fruit modeled

Fruit described *Many*

Disease notes by J. W. Roberts:

2 canes.

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VARIETY APPLE ORCHARD
Arlington Farm

66

Variety: *Ben Davis*

Orchard location: Section *D* Row *21-22* Tree *4*

Arlington Accession No. *3223* (see other nos. attached)
Form. No. 24654

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	:	1927 -	<i>10/6</i>	<i>109637</i>
1923 -	—	:	1928 -	<i>10/23</i>	<i>110714</i>
1924 -	<i>11/4</i>	<i>105975</i>	1929 -	—	
1925 -	—	:	1930	—	
1926 -	—	:	1931 -	<i>10/6</i>	<i>112317</i>

Blossom dates: 1924 - *4/28 - first bloom*
1925 - *4/14 - 20% buds open; 4/18, 75% open*
1926 - *4/30 - 25% " "*
1927

Remarks: *Scions from Charles Miller, Gerrardstown W. Va. 4/26/02*

Characterization: *Notes made on spec. 1928 from storage. Observations 4/5/29. Above med. size but small for var. Majority of spec are ablate in form slightly conic - form unusual for var. Ground color yellow pretty completely covered with red wash and rather distinct stripes. Cavity fairly deep, med. width, stem slender about 3/4" long. Basin atypical of var. being small, med. depth on ribs, not abrupt. Calyx lobes small, sawing, eye closed small; seeds many, small, pale yellow, very conspicuous; a few brownish, raised. Flesh white, satiny, med. fine grain, fairly tender, rather lacking in juice, very muggy acid; almost lacking completely in flavor. Bunchy pair.*

STATIONARY ENGINE RECORD BOOK

Engine No. _____ Date _____

Operator _____

Location _____

Remarks _____

Hour	Rev.	Temp.	Pressure	Remarks
1	100	100	100	
2	100	100	100	
3	100	100	100	
4	100	100	100	
5	100	100	100	
6	100	100	100	
7	100	100	100	
8	100	100	100	
9	100	100	100	
10	100	100	100	
11	100	100	100	
12	100	100	100	

Station closed _____

Time _____

Date _____

Signature _____

Station _____

Remarks _____

Second sheet, Variety

Ben Davis (#3223-D:21-22:4) 67

Storage notes: Stored 10/27/28. Removed 3/19/29, then held at room temp. for several days; then in office refrigerator till 4/5/29. Most of spec then in good physical condition, with little or no shriveling; one or 2 fruits decayed.
1928-June 4. - spec. probably in office refrigerator since 4/5. Little or no decay, but much shriveling. Fruits distinctly spongy in texture.

Vigor of Tree: Exceptionally strong (average) weak. Size: (good) Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large all 1/2 medium small; Color: Light dark normal. 11/28

Habit of Growth: Very (upright) roundish broad flat (spreading). Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender (stout); Medium straight crooked. Smooth - well branched

Secondary limbs: Numerous medium few: Medium slender stout;

(Some have character ^{like} Drooping or dip.)

Twigs: (Many) medium few; (Medium) slender (stout); Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many (medium) ^{to} few; Very (medium) (slender) stout; 1/2 - (1 - 2) - 3 inch; Mostly branched unbranched;

Spur twigs: (Few) medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Twig growth, drooping or dipping of 22 branches Illustrations: Tree photographed neg. nos. 47956. characteristic.

Fruit painted Several Fruit modeled

Fruit described Many

Disease notes by J. W. Roberts:

None

VARIETY APPLE ORCHARD
Arlington Farm

68

Variety: *Ben Davis*

Orchard location: Section *E* Row *21-22* Tree *5*

Arlington Accession No. *4313* (*See other nos. attached*)
Ann. No. 28412

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	:	1927 -		
1923 -	—	:	1928 -		
1924 -	<i>11/4</i>	<i>105984</i>	1929 -		
1925 -	—	:	1930		
1926 -	—	:	1931		

Blossom dates: 1924 - *4/30* first bloom; *5/6* full bloom
1925 - *4/14*, *25%* buds open; *4/20* past full
1926 - *4/30*, *40%* " "
1927

Remarks:

These records inserted to show accounting for Acc. No. 4313. Why record of only one season's harvest is not clear. Scions from N. Y. Expt. Sta. 3/13/03

Characterization:

2nd second sheet

VARIETY APPLE ORCHARD
Arlington Farm

69

Variety: *Ben Davis*

Orchard location: Section *E* Row *5-6* Tree *3*

Arlington Accession No. *4988* (*See other Nos. attached*)
Pom. No. Acc card blank except date - 1905-

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/30</i>	<i>102756</i>	1927 -		
1923 -	—		1928 -		
1924 -	—		1929 -		
1925 -	—		1930		
1926 -	<i>10/2</i>	<i>108475</i>	1931		

Blossom dates: 1924 - *7/28, 20% buds open; 5/6 - post full*
1925 - *7/14, 40% " " 7/20 " "*
1926 - *7/30, 75% " "*
1927

Remarks:

*acc No 4959 - Pom No. 33906 - bot up.
(This given in leafy)
Source uncertain 9/5/5)*

Characterization:

Second sheet, Variety *Ben Davis* (#4988-E:5-6:3) 70

Storage notes:

1926 crop held in office refrigerator till Jan 4/27. Kept in good condition aside from some shriveling. Remarkably highly satiny appearance of flesh on cutting was noted. In naturally, tasting ripe but hard to imagine an apple so nearly campbatty looking in flavor (taste) as these. Not unpleasant, simply nearly tasteless. Looking in

Vigor of Tree: Exceptionally strong average weak. Size: juiciness, Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout; Drooping.

Twigs: Many medium few; Medium slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many medium few; Very medium slender stout; 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *Several* Fruit modeled

Fruit described *Many*

Disease notes by J. W. Roberts:

Two second sheet

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Ben Hur*

Orchard location: Section *J* Row *5-6* Tree *2*

Arlington Accession No. *6651*
Pam. No. 40786

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>10/10</i>	<i>102793</i>	1927 -	<i>9/28</i>	<i>109579</i>
1923 -	<i>10/9</i>	<i>104133</i>	1928 -	<i>10/10</i>	<i>110695 1/2</i>
1924 -	<i>11/4</i>	<i>106024</i>	1929 -	<i>9/18</i>	<i>111243</i>
1925 -	<i>10/10</i>	<i>107087</i>	1930 -	<i>9/19</i>	<i>111648</i>
1926 -	<i>10/20</i>	<i>108670</i>	1931 -	<i>10/6</i>	<i>112318</i>

Blossom dates: 1924 - *5/2* full bloom

1925 - *4/15* - past full bloom; *4/20* petals nearly all off.

1926 - *4/30* - 90% buds open

1927 - *4/16* - first bloom. Bloom very light.

1928 - *4/20* - " " ; *4/26* 50% buds open.

Remarks:

Seems renewed 7/8 + 13/08 4/3/08 from Stark Bros. Louisiana, Mo.
Notes in various years indicate good deal of variation from season to season in size, color, finish and in other respects.

Characterization: Based largely on 1925, 1926 & 1928 descriptive notes.

Good size, roundish, approaching truncate, some spec. slightly oblate; regular. Cavity. Broad, deep, abrupt, smooth; stem slender, 1" or more long. Basin, broad, deep, abrupt (though variable) eye large, closed. Ground color yellow, nearly covered with bright-red wash and indistinct stripes dots numerous, yellowish, somewhat raised, fairly conspicuous; surface in some cases suggests that of Twenty Pence. Flesh yellowish, satiny, rather coarse grain, fairly tender, moderately juicy, mildly acid, flat, lacks richness but rather pleasant (over)

though looking greatly - which varies considerably with the season; in general about Ben Davis greatly.

In 1926 - noted as very attractive in appearance, finely finished. Slight suggestion of Rebel, also of Egichy, though there are distinct differences with latter in cavity, basin, & eye characters, in particular.

Spec. Exam. 10/7/27 were noted as then being too firm for prime eating condition.

Second sheet, Variety. *Ben Hur*

72

Storage notes:

26 crop stored till March 24/27. Exam 3/31/27
spec. have kept well. No shriveling,
firm, no scald. Flesh characters
as previously noted: fairly juicy; almost
neutral flavor, flat; below good in
quality. Elsewhere stated as Ben Davis
quality. May now be past season.
(see over)

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (larger ^{than} average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
75% remain ^{medium} small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat spreading.
Central leader: Partially retained (disappeared)

11/2/28

Branching:

Main limbs: Very medium (long) short; Very medium slender
(stout); Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping.

Twigs: Many (medium) few: (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout;
(1/2 - 1 - 2 - 3 inch) Mostly branched (unbranched)

Spur twigs: Few medium (many) Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense (stocky
grower); Top round much broader (narrower than tall)

Illustrations:

Tree photographed

Fruit painted *Several* Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts;

None

Spec. stored $10/18/28$. Out $2/4/29$.
Exam. $2/26/29$. Considerably past
storage durability. Only one spec.
of several remained in good condition,
others decayed or otherwise broken
down. But flavor was then
considered rather pleasant,
even in this advanced stage
of maturity.

VARIETY APPLE ORCHARD
Arlington Farm

73

Variety: *Bennett*

Orchard location; Section *A*

Row *21-22* Tree *1*

Arlington Accession No. *8255*

Pom. No. 46550

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>10/7</i>	<i>102785</i>	1927 -	<i>9/28</i>	<i>109580</i>
1923 -	<i>10/12</i>	<i>104256</i>	1928 -	<i>10/10</i>	<i>110691</i>
1924 -	<i>10/18</i>	<i>106042</i>	1929 -	<i>9/25</i>	<i>111242</i>
1925 -	<i>10/8</i>	<i>107088</i>	1930 -	—	
1926 -	<i>10/20</i>	<i>108476</i>	1931 -	<i>10/6</i>	<i>112319</i>

Blossom dates: 1924 - *5/2*, 75% buds open; *5/6*, part full
 1925 - *4/15*, 50% " " ; *4/20* " "
 1926 - *5/1*, not yet full bloom; *5/3* " "
 1927 1928 - *4/26*, 20% buds open; *5/11*, 90% full.

Remarks: #8578 (K: 21-22:1) also reported as *Bennett* but only a single record for 1924
 Picked *10/4/24*. Probably var. *corvally* named.
 Scions received *3/28/10* from *J. L. Bennett*,
Medford, Oregon.

Characterization: Composite of several seasons notes:
 Good size to fairly large; brownish canis to slightly
 oblate canis, fairly smooth and regular except
 that in some spec. lobes are somewhat unequal.
 Cavity mod. deep, abrupt, more or less lippled; stem *3/4*."
 Basin medium depth and width, calyx lobes long,
 converging, eye closed. Resemblance of basin and
 eye to *Winesap* is mentioned.
 Dots scattered whitish depressed, inconspicuous about
 apex, small, whitish and brownish on sides.
 Ground color yellow, well overspread with fairly
 dark red wash (when well colored) with suggestion
 of broken stripes; a little grayish overspread.
 Flesh yellowish. Fine grain, crisp, juicy, mild acid, rich,
 good to very good.

In 1923 suggestion was made of
resemblance to Indiana Favorite.

Bennett is quite distinctly in the
winest group. Good tree and
quality sufficiently high to
be worthy of consideration.

Perhaps it is to be regretted that
this apple was not appraised.

Storage notes:

1926 crop. Stored from about Nov. 6 to 3/24/27. Exam 4/1/27
 Kept in good physical cond. no scald; no shriveling,
 no decay; juicy, good quality but a little flat;
 probably has lost flavor somewhat, and color seems
 somewhat dull.

1927 crop. Stored 1/27/27; out 2/19/28 Exam. 2/8/28. Kept
 in good cond. except slight shriveling from holding in
 office refrigerator. No scald. Juicy. rich - good to very good.

1928 crop. Stored 1/28/28. Out 2/15/29 Exam 2/21/29. Mostly excellent
 physical cond. slight shriveling in some fruits; little or no
 scald; fairly rich; at least good in fruit; probably past season of highest
 Vigor of Tree: Exceptionally (strong) average weak. Size: quality
 Exceptionally (large) average small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
 medium small; Color: Light dark normal. 75% still on tree.

Habit of Growth: Very (upright roundish) broad flat spreading.
 Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
 stout; Medium straight (crooked)

Secondary limbs: (Numerous) medium few; Medium (slender) stout;
 Drooping.

Twigs: (Many) medium few; (Medium) slender stout; Long (medium)
 short; (Straight) branched twiggy; Medium open
 (dense); Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
 (1/2 - 1 - 2 - 3 inch); Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
 considerable slight none

General aspect of tree: (Medium) slender open (dense) stocky
 grower; Top (round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted

Several

Fruit modeled

Fruit described

32334

Disease notes by J. W. Roberts:

* Twigs throughout top are well back on
 secondary limbs; crooked main limbs
 and retention of leaves this late in season
 give a rather characteristic appearance.
 A good tree.

1955

VARIETY APPLE ORCHARD
Arlington Farm

75

Variety: Bentley (Bentley Sweet)

Orchard location: Section J Row 7-8 Tree 2

Arlington Accession No. 7229 (also No. 6311, 5:5:4)

Pom. No. Likely 38011 from Mr. Lewis private collection

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	10/13	102848	1927 -	10/	109639
1923 -	10/12	104258	1928 -	10/23	110715
1924 -	10/18	106031	1929 -	10/10	—
1925 -	10/12	107185	1930 -	—	—
1926 -	—	—	1931 -	10/6	112320

(see over)

Blossom dates: 1924- 5/2, full bloom - (light bloom)
1925- 4/15, a little past full bloom
1926- 5/1, foliage consid. advanced - probably past full bloom.
1927- 4/16, 50% buds open.
1928- 4/26, 20% " " , 5/2 full bloom.

Remarks:

No write up for No. 6311 (5:5:4) as notes add but little. Storage note March 9/28 are same 1927 spec. of this No.

1924-10/30 doubt was expressed as to whether spec of 7229 were Bentley because of acidity. Subsequent records indicated doubt was eliminated as result of examining more mature spec. which were sweet in flavor.

Characterization: 1925 & 1927 notes and storage notes 7/5/29.

Fairly good size to below: roundish conic to oblong conic, same spec. approach truncate; ground color yellow, in well finished fruits nearly covered with heavy wash of pinkish red with indistinct mixed striping and blotching. Cavity - deep, narrow; stem 3/4" medium size; Basin - deep, moderately broad, abrupt, smooth (over)

calyx lobes fairly long, converging, eye usually closed, sometimes partially open. Scales mostly depressed, mostly minute, yellowish, and inconspicuous, some brownish, fairly large, raised. Flesh yellowish, fine grain firm, rather long - not very juicy. at this stage of maturity ($10/34/5$) acidity nearly or quite obscures sweet flavor - which is confirmed by storage notes ($4/5/29$) which give flavor as sweet - lacks richness, not better than fair in quality.

Source.

Seeds of Bently Sweet received 3/1/09 from B. F. Taggart, Camden Ill., were sent to Arlington but whether they were propagated for the orchard there does not appear with certainty.

Storage notes:

1928, 3/9. 1927 crop from tree #6311 (8:5:4)

Excellent condition, firm, no shriveling.

Flat in flavor, lack richness, same spec. lips

tough in texture than others - same variation in this respect, but none better than fair in quality.

1929, 4/5 - spec stored 10/27/28; out 3/19/29; exam. 4/29

Excellent physical cond. except little shriveling since

3/19/29. Flavor not pronounced - not better than fair. Perhaps

lost flavor in storage, even though apparently good

physical cond. - but at no time has quality been given better than fair.

Vigor of Tree: Exceptionally (strong) average weak. Size:

Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

30% - 75% still on at this date.

Habit of Growth: Very (upright roundish) broad flat spreading. Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very (medium) slender stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout; (slightly Drooping)

Twigs: (Many) medium few; (Medium) slender stout; Long medium short; (Straight) branched twiggy; Medium open (rather dense) Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout;

(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)

Spur twigs: (Few) medium many; Terminal bearing mostly considerable slight none

General aspect of tree: (Medium) slender open (dense) stocky grower; Top (round) ~~much~~ ^{slightly} broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted Several

Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

Fruit very subject to bitter rot.

Note. #6311. 8:5:4. ^{position} Tree in row 6 was in ditch so never potted. #5 was a poor weak tree, due perhaps to poor location, hence disregarded here except for this statement.

Variety Apple Orchard

Arlington Farm

77

Variety: Benoni.

There were 4 lots of trees of
this variety as follows:

- ✓ Acc. No. 1810. Sec A, Row 5-6, Trm 4
- ✓ " " 4314 " E. " 23 " 4
- " " 6418 " H " 17-18, " 3
- " " 6429 " H " 21-22, " 4

Notes on last 2 numbers have been
compiled and are attached. Records
on first 2 numbers are very meager
and add nothing of importance to the
records on the other two. The orchard records
list No. 6429 as Kennedy but a comparison
of the fruit with Benoni, and a check-up
on paintings in the files labeled Kennedy
leave no room to doubt that this fruit
is Benoni, as well as that from which
the Kennedy paintings were made.
No checking back to the original source
records has been done. 11/10/41.

* Neg. No.

Acc. No. 1810 - Pam. No. 24228. Scions from
N. Y. Expt. Sta. 1902

Acc. No. 4314 - Pam. No. 28413 - scions 3/13/03 also from
N. Y. Station.

VARIETY APPLE ORCHARD
Arlington Farm

78

Variety: *Banani* (see Remarks)

Orchard location: Section *H* Row *17-18* Tree *3*.

Arlington Accession No. *6418*

Don. No. 40636

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>7/19</i>	<i>101597</i>	:	1927 -	<i>8/4</i>	<i>109225</i>
1923 -	<i>7/30</i>	<i>103370</i>	:	1928 -		
1924 -	—		:	1929 -		
1925 -	—		:	1930		
1926 -	<i>7/28</i>	<i>107652</i>	:	1931		

Blossom dates: 1924 — *5/2. Full bloom - bloom light.*

1925 — *4/15. past full bloom.*

1926 - *4/30 - full bloom*

1927 - *4/12 - first "*

1928 - *4/19 - " ; 4/26. 75% buds open; 5/1. past full.*

Remarks:

Scions from W. N. Irwin 3/27/08 under name Mexico. From his private collection in Eckington.

1927, 8/9. It was noted that spec. this year from this number were exceptionally large for the variety, and that if the size was in

Characterization:

any degree characteristic of this no. the trees were worthy of further study. These spec were medium in size; other lots of same var. from other trees and well colored but were all below medium in size.

Second sheet, Variety *Zenaid* (No. 6418, #17-18:3) 77

Storage notes:

Z. cana

Vigor of Tree: Exceptionally strong average weak. Size:
Good Exceptionally large average small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad *(somewhat)* flat *spreading*
Central leader: Partially retained *(disappeared towards top of tree)*

Branching:

Main limbs: Very medium long short; Very (medium) slender
(stout) Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping, *well formed*

Twigs: (Many) medium few; Medium slender stout; Long medium
short; Straight branched (twiggy); Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium slender stout;
(1/2 - 1) - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few (medium) many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round + much broader narrower than tall.

unsymmetrical and ragged in appearance - but good vigor
Illustrations: Tree photographed

Fruit painted *Several* Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts: Trees show considerable
but not 10/28

*Good deal of the 1928 growth was made
in interior of trees on main limbs.*

1898

1899

1900

1901

1902

1903

1904

1905

1906

1907

1908

1909

VARIETY APPLE ORCHARD
Arlington Farm

80

Variety: *Benoni*

Orchard location: Section *H* Row *21-22* Tree *4*

Arlington Accession No. *6429*

Sam. No. 40647

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>7/20</i>	<i>101602</i>	1927 -	<i>7/30</i>	<i>109210</i>
1923 -	<i>7/30</i>	<i>103371</i>	1928 -		
1924 -	—		1929 -		
1925 -	—		1930		
1926 -	<i>7/28</i>	<i>107653</i>	1931		

Blossom dates: 1924 - *5/2* - full bloom
Scions from 1925 - *4/15* - still buds but petals falling; *7/30*, past full
Mr. Lawin
3/27/08 1926 - *4/30* - full bloom
(see over) 1927 - *4/12* - first "
 1928 - *4/26* - 50% buds open; *5/1* full bloom.

Remarks:

In the orchard records this No. (6429) and location are listed as Kennedy. A careful comparison of the fruit with other Benoni apples, and a check-up on paintings of Kennedy in the files give convincing evidence that this Kennedy as well as paintings are indistinguishable from Benoni and appear to be that variety.

Characterization:

No checking back to original source records has been done. *11/10/41* *WPS*
 Fruits from these trees appear as especially large and fine specimens of Benoni.

Characterization: (1926 & 1927 notes)
 Medium size (though generally below this), somewhat ribbed, roundish cone, apex approaching truncate; ground color yellow, covered with an overspread of bright red with considerable striping. Oots many, small, suppressed, whitish rather inconspicuous. Flesh yellowish, fine grain, tender, juicy, mildly acid, fairly rich, good to very good in quality. Possibly some question as to (over)

Whether these large spec. for the variety ~~are~~
are as high quality as the smaller
ones that seem to be more typical
in size for the variety.

These seeds as noted were supplied
by W. H. Irvine from his private
collection in Eckington. The Jawi
entry is ~~followed~~ for No. 8592 (Kennedy)
Pani Jawi. No. 8592 records seeds
from J. M. Kennedy, Bedford, Mo.
of a variety "supposed to be Summer
Remain sent by request"

Second sheet, Variety *Benoni* (#429, #121-22: 4) 81

Storage notes:

None

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. no. 50739

Fruit painted *Several* Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

*No detailed notes on tree were made. Statement
recorded that these trees are not as large as
those at #17-18: 3 but possess the
same general appearance. Rather poor
trees, unsymmetrical in growth, rather
lacking in vigor. A good deal of burr
knut present.*

(over)

Acc No. 1810 A: 5-6: 4

1924- 4/26. first bloom; 4/29. full bloom.

1925- 4/13, full bloom - on few limbs only.

2/27/26 Tree good size, upright.
spreading, limbs have many
curve knots that seem to have
bored in them. Normal branching.

VARIETY APPLE ORCHARD
Arlington Farm

82

Variety: *Bellul*

Orchard location: Section *D* Row *3-4* Tree *3*

Arlington Accession No. *3063*

Pom. No. 24532

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -			1927 -	<i>9/3</i>	<i>109504</i>
1923 -			1928 -		
1924 -			1929 -		
1925 -			1930		
1926 -			1931		

Blossom dates: 1924 - *5/1* - 20% buds open. Very light bloom
 1925 - *4/14*, 40% " " ; *4/18* full bloom
 1926 - *4/30*, 50% " "
 1927 - *scissors fruit* *Prof. W. M. Munson, Crown, May 1902.*

Remarks: *Harvest records and fruit notes only for 1927. It seems hardly likely that this was the only season that spec. were examined but if notes for other years were made on fruit spec. they have been misplaced.*

Characterization: *1927 notes only.*
Medium to good size. Form somewhat variable but in general roundish conic. Ground color yellow. Nearly covered with dark red overspread with indistinct striping. Dots numerous, yellowish, slightly raised, small, inconspicuous about basin, but red size and quite conspicuous on red surface; some dots appear as minute cracks in skin. Cavity medium, stem slender, 3/4". Basin rather shallow, fairly broad, calyx lobes rather large, converging, eye usually closed; heavy bluish bloom. Flesh fine grain, firm with considerable body; a little locking in juice; mildly acid approaching neutral. Rather pleasant but probably not (over)

not better than fair in quality. Considerable
resemblance to Blue Pearmain in
appearance, texture and flavor, which is
mentioned by Burch in Apples of New
York, vol. 1, p. 73. Variety is mentioned
by Dr. T. H. Hoskins, in Report of the
Pomologist in An. Rpt. of the Dept. of
Agr. 1886, pp 274-5.

Storage notes: Dec. 12/27. Spec. stored from immediately soon after harvest, Sept. 23. In excellent condition except a little wilting in 1-2 spec. Fine grain; a good deal of substance to the flesh; lack juice and richness; mildly acid. A flavor not entirely pleasant. Not sure it is characteristic of the variety.

(See below)

Vigor of Tree: Exceptionally strong average weak. Size: Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading. Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout; Drooping.

Twigs: Many medium few; Medium slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many medium few; Very medium slender stout; 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched; Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 47976

Fruit painted Several Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

no notes of importance recorded. Similarity of tree to beaver sweet (D: 3-4:2) is noted. That, in turn, is referred to Pinnacle (D: 2:2) which it is said closely to resemble. Apparently a rather broad, stocky type of tree. Notes on Pinnacle were made 11/6/28

VARIETY APPLE ORCHARD
Arlington Farm

84

Variety: *Bethlehemite*

Found in an orchard near Bethlehem

Orchard location: Section *C* Row *9-10* Tree *3*

Arlington Accession No. *3008*

Form No. 24470

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/19</i>	<i>10228</i>	1927 ..		
1923 -	<i>9/27</i>	<i>104107</i>	1928 -		
1924 -	<i>9/24</i>	<i>105423</i>	1929 -		
1925 -	<i>10/1</i>	<i>106991</i>	1930		
1926 -	—		1931		

Blossom dates: 1924 *4/30, first bloom.*
 1925 *4/14, 20% buds open; 4/18 full bloom.*
 1926 *scions from Bery. Buckman,*
 1927 *growing since, Dec. 1902*

Remarks:

1923 - 10/2. Noted that the core is no larger than that of Bery Red - which has been regarded as having an exceptionally small core. This apple is too small to be of value.

Characterization:

in the absence of some conspicuously good quality. Size small, average no larger than Malawi; regular, quite uniform, somewhat oblate. Ground color yellowish, nearly all overspread with light wash of dull red, with more or less striping. Dots moderately numerous, mostly yellowish. Depressed, indistinct, a few larger, raised, light brown. Flesh tender, fine grain, juice average; pleasant but not rich, some seasons flavor somewhat destructive; others not. (Dwarf) (no second sheet).

Aug. 10, 1921, Dr. Roberts recorded
cedar rust on the fruit. No
other mention of it.

2/27/26 Tree medium size, upright, spreading,
with few secondary branches,
but on smaller limbs and
terminals there are many fruit
spurs.

Photo -
See Neg. No. 44706

Paintings:

12883

101042

Descriptions:

11287

12883

VARIETY APPLE ORCHARD
Arlington Farm

85

Variety: *Berry Red*

Orchard location: Section *S* Row *15-16* Tree *2*

Arlington Accession No. *6337*

Pom. No. 40514

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102569</i>	1927 -	<i>9/13</i>	<i>109430</i>
1923 -	<i>9/16</i>	<i>104044</i>	1928 -		
1924 -	<i>10/18</i>	<i>106011</i>	1929 -		
1925 -	—		1930		
1926 -	<i>9/17</i>	<i>108170</i>	1931		

Blossom dates: 1924 - *5/2*, full bloom
1925 - *4/15*, 50% buds open - but few clusters.
1926 - *4/30*, 90% " "
1927-1928 - *4/20*, first bloom; *4/25*, 30% buds open; *5/1*, 90% in bloom.

Remarks: 1923 - *9/20* noted that spec. this season were very fine for the variety.

Scions received *5/13/08* from private collection of W. H. Linn at Lexington (over)
Scions of *Berry Red* were received 4-1-97 from A. J. Kyker, Ziegler's Farm.

Characterization: Composite of 1924, 1926 & 1928 (storage *11/7/24*)

Notes: Medium size, somewhat oblate cone, cavity rather deep, medium width, same russet; stem *3/8"* rather slender; Basin, medium, calyx lobes medium, mostly converging, eye medium size usually closed. Ground color yellowish, highly colored spec nearly covered with bright red wash, indistinct striping; whitish bloom spots fairly numerous, yellowish, small, depressed, mostly inconspicuous but some raised and more conspicuous, some rather cracking sometimes giving coarse appearance. Flesh yellowish, moderately fine grain, a little tough, fairly juicy, mildly acid till fully mature then nearly or quite sweet, fairly rich, fair to good in quality. Some spec. somewhat suggest Arkansas. (over)

Berry Red is said (Mr. Irwin) to have a very small core. Paintings so indicate. ~~Some~~ question was raised one year as to identity because core seemed to be larger than shown in paintings. At ~~some~~ time a question was raised as to the accuracy of the paintings in this respect. Not sure that full details were in evidence. $\frac{11}{12} \frac{1}{4}$

Scions of Berry Red from Mr. Irwin's private collection were sent to Arlington Farm 3/19/07 under Pam. No. 38012, but whether propagation is not known.

Storage notes:

1927, 1/26. Spec 1926 crop. Stored 1/28/26. Out 1/3/27
exam. 1/26/27. Affice refrigerator meanwhile
spec. showed somewhat - probably since 1/3/27
Otherwise apparently in good condition. Sweet or nearly
so with flavor not very pleasant - but may have absorbed
it. Mod. rich and fairly good body.

1928 crop. Stored 1/2/28. Out 1/4/29. Exam 1/7/29 kept well though
some spec. show decay. Others in good cond. - fairly juicy,
fairly good. Best spec. probably now prime eating condition.

Vigor of Tree: Exceptionally strong average weak. Size:
Good. Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal. Good condition

Habit of Growth: Very (upright) roundish broad ^(slightly) flat spreading
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very medium long short; Very medium slender
(stout); Medium straight crooked. Clear

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping. Good

Twigs: (Many) medium few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium slender stout;
(1/2 - 1 - 2) - 3 inch; (Mostly branched unbranched);

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

A good tree with large bearing surface.

Illustrations:

Tree photographed Neg. nos. 46134, 46135 + 49694

Fruit painted Several

Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

1. The first part of the report deals with the general situation of the country and the progress of the work during the year.

2. The second part of the report deals with the results of the work done during the year and the progress of the work during the year.

3. The third part of the report deals with the results of the work done during the year and the progress of the work during the year.

4. The fourth part of the report deals with the results of the work done during the year and the progress of the work during the year.

5. The fifth part of the report deals with the results of the work done during the year and the progress of the work during the year.

6. The sixth part of the report deals with the results of the work done during the year and the progress of the work during the year.

7. The seventh part of the report deals with the results of the work done during the year and the progress of the work during the year.

8. The eighth part of the report deals with the results of the work done during the year and the progress of the work during the year.

9. The ninth part of the report deals with the results of the work done during the year and the progress of the work during the year.

10. The tenth part of the report deals with the results of the work done during the year and the progress of the work during the year.

11. The eleventh part of the report deals with the results of the work done during the year and the progress of the work during the year.

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Bietigheimer

Orchard location: Section

J

Row

6

Tree

Arlington Accession No.

6650

see #1808

A: 5-6: 2

Bietigheimer

Pom. No. 40785

" 4278-E: 15: 5

Year - Date Picked Pomology Number

Year - Date Picked Pomology Number

1922 - 9/23 102579

1927 - 9/13 109393

1923 - —

1928 - 8/22 110308

1924 - —

1929 -

1925 - —

1930

1926 - 10/1 108171

1931

Blossom dates:

These dates apply to acc. No. 1808.

1924 - 4/26, 25% buds open; 4/29, full bloom.

1925 - 4/13, full bloom.

1926 - 4/30, 50% buds open.

1927-1928 - 4/26, 20% " " 5/1, 75% buds open.

Remarks:

1928, noted that fruit picked entirely too early - a few spec. show a little color but most of them are entirely green.

1922, sample labeled Banana; identified as suggesting Bietigheimer but considered a better apple than that variety. Subsequently spec. labeled Bietigheimer.

Characterization:

If this no. is Bietigheimer, sample in 1922 probably labeled Banana by mistake.

Further doubt expressed in 1926 as to identity but in 1927 it was decided the apple was undoubtedly this variety.

Characterization:

mostly 1927 notes. Size large to very large; oblate, smaller fruits roundish-oblate. Ground color greenish till fully ripe, then yellowish; pinkish red blush on exposed side when well colored; color sometimes showing as stripes. Dots numerous, variable, whitish, depressed, some brownish, not very conspicuous. Core rather large and deep, abrupt; stem 3/4" medium stout; basin medium depth, rather broad; calyx lobes large, rather long; somewhat reflexed, (over)

eye partially open; flesh lightly tinged yellow, fairly fine grain; breaking; quite juicy, rather brisk acid in present stage of maturity. Probably would tone down considerably when fully ripe. Fair quality.

Blossoming dates #6650

1924. $\frac{5}{2}$, 60% buds open; $\frac{5}{6}$, all past full.

1925, $\frac{7}{15}$, 40% " " ; $\frac{4}{20}$, well past full.

Source.
Pan. No. 40785 seeds secured of
Barana secured 4/3/08 from
Stark Bros. Louisiana, Mo.

Second sheet, Variety

Bietigheimer (#6650. I:6:1)

Storage notes:

None

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small).

Foliage: Very abundant (normal) scanty. Leaves: Very large
(medium) small; Color: Light dark normal.
50% or more stiff on tree.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially (retained) disappeared.

10/31/28

Branching:

Main limbs: Very (medium) long short; Very medium (slender)
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; Medium (slender) stout;
Drooping.

Twigs: Many medium (few) (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
(1/2 - 1 - 2 - 3 inch) (Mostly branched unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium (slender open) dense stocky
grower; Top (round) much broader narrower than tall.

Illustrations:

Tree photographed Neg. no. 49688

Fruit painted Several Fruit modeled

Fruit described 9453(?)

Disease notes by J. W. Roberts:

Roots of this tree likely have crown
gall or woolly aphis; looking in
vigor.

3/2/26. Fine large, strong tree; upright, spreading, } applies to
branching normal, healthy, fine, } acc. No.
more upright than many. } 1808.
a:5-6:2.

VARIETY APPLE ORCHARD
Arlington Farm

89

Variety: *Bistighenier*

Orchard location: Section *{a* Row *5-6* Tree *2* } *
{E *15* *5-2*

Arlington Accession No. # *1808 + 4298, respectively.*
Pam. Nos - see over

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/1</i>	<i># 1808 10224</i>	1927 ..		
		<i># 4298 10227</i>			
1923 -	<i>—</i>		1928 -		
1924 -	<i>8/29</i>	<i>(4298) 105184</i>	1929 -		
1925 -	<i>8/7</i>	<i>(") 106536</i>	1930		
1926 -	<i>—</i>		1931		

Blossom dates: 1924 *See also No. 6650*
1925 *I: 6: 1 - Bistighenier*
1926
1927

Remarks: *Only the one record above for No. 1808 is on file. In sending this lot in Mr. Brunk called attention to its being identical with # 4298 labeled Bosnian, picked on same date. The notation on this label was made that it was probably Bistighenier and in 1924 and 1925, the*

Characterization: *specimens as received from Arlington Farm were so labeled, with no question raised as to the correctness of that identification. Bosnian is an English apple. No check-up with original sources of information has been made to see if Acc. No. 1808 was recorded as Bosnian or whether the lot so labeled was in error. However, no other recording of Bosnian specimens from Arlington seems were to have been made. (over)*

No second sheet.

acc. No. 1806. Pam. No. 24226

Scions from N.Y. Expt. Sta. 1902
as Butigheimer

acc. No. 4298. Pam. No. 28356.

Scions received 3/9/03 from

Mr. Farland, South Haven, Mich.
as Bosnian

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Big Up

Orchard location: Section

5

Row

15-16

Tree

3

Arlington Accession No.

6338

Pom. No. 40516

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/6</i>	<i>102495</i>	1927 ..	<i>9/13</i>	<i>109394</i>
1923 -	<i>10/8</i>	<i>104204</i>	1928 -	<i>9/27</i>	<i>110427</i>
1924 -	<i>10/4</i>	<i>105631</i>	1929 -		
1925 -	<i>9/15</i>	<i>106837</i>	1930		
1926 -	<i>9/17</i>	<i>108172</i>	1931		

Blossom dates:

1924 - *4/30, 75% buds open*

1925 - *4/15, 75% " " ; 4/20, well past full.*

1926 -

1927-1928 - *4/25 - first bloom; 5/1, 90% buds open*

Remarks:

Scions received 3/13/08 from private collection of W. H. Irwin at Icking ton. Scions of Big Up were also sent to Arlington 3/19/07 under Pom. No. 38013 but whether propagated is not known.

Characterization:

Size - Medium to above. somewhat oblate conic, fairly smooth and regular - sides sometimes unequal. Cavity - fairly broad, deep, abrupt. Basin deep, broad. Ground color yellowish, covered with bright red, well or poorly defined stripes depending on depth of red overspread; sometimes a light overspread of gray about base. Dots numerous, mostly depressed and inconspicuous, some light yellow, raised but inconspicuous. Flesh yellowish, fairly fine grain, fairly juicy, mildly acid; rather flat, lacks richness, only fair in quality. In season last Sept & early Oct.

Page 100

Table with 4 columns: Name, Age, Sex, and Date of Birth. The table contains several rows of data, including names like John, Mary, and James, and dates like 1850, 1851, and 1852.

Handwritten notes and signatures at the bottom of the page, including a large signature that appears to be "John Watson" and some illegible text.

Storage notes:

None

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large (medium) small; Color: Light dark normal.

9/18/28

Habit of Growth: Very (upright roundish) broad flat (spreading) *Clean - free from disease & insects*
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long (short); Very (medium) slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping. *well branched*

Twigs: (Many) medium few; (Medium) slender stout; Long medium short; Straight branched twiggy; (Medium, open dense); Willowy.

Spurs: Very (many) medium few; Very medium slender stout; (1/2 - 1 - 2) - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: *compact, rather dense top.* Medium slender open dense stocky grower; Top round much broader narrower than tall.

Small tree though apparently in good vigor

Illustrations:

Tree photographed Neg. No. 49693

Fruit painted #29734 + 701043 Fruit modeled
110427 + 108177

Fruit described #29734

Disease notes by J. W. Roberts:

Tree (9/18/28) has much lower knot which may account for small size of tree - even though possessing apparently good vigor.

VARIETY APPLE ORCHARD
Arlington Farm

92

Variety: Birch Rouge

Orchard location: Section J Row 11-12 Tree 1

Arlington Accession No. 8177
Form. No. 46394

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	:	1927 -	—	:
1923 -	—	:	1928 -	<u>8/22</u>	<u>110309</u>
1924 -	—	:	1929 -	—	—
1925 -	—	:	1930	—	—
1926 -	<u>9/24</u>	<u>108173</u>	1931	—	—
also -	<u>10/1</u>	<u>108174</u>			

Blossom dates: 1924 - 5/6 first bloom - very light bloom
See over for source and name 1925 - 4/15 - tree still practically dormant; 4/20 tips of leaf buds begin to show green.
 1926 - 5/1 - about same cond. as 4/5 in 1925 -
 1927 - 5/27 - first bloom; tips of leaves 1 1/2 long.
 1928 - 5/6 - " " ; 5/16 past full bloom, 50% petals off.

Remarks: 1928 notes refer to 1927 records which evidently have been misplaced. 1928 notes indicate the specimens were picked much too early as fruit was very immature and possessed but very little flavor. 1928 notes further state that leather cracking mentioned in 1927 was absent in 1928.

Characterization: was absent in 1928.
Assumed to be OK. Nothing available to check with.
Size small. Ground color yellow. Highly colored specimens washed with bright red and some indistinct stripes. Dots numerous, large, raised irregular; 1926 notes say much fine leather cracking, apparently also in 1927 but absent in 1928. Causation rust or brownish dots. A rather coarse, furred fruit. Flesh yellowish, fine grained, firm. Rather high (1926) moderately juicy, nearly or quite sweet. 1st. picked spec. flat with no pronounced flavor. Later picked fruit quite sweet, moderately rich, a suggestion of astringency (over)

This appa. has some of characters of French Crab, but lacks of juice and astringency, with absence of information as to source &c. leaves its position in doubt. Seemingly without any particular value.

Pam No. 46394 records receipt 3/10/10 from Va. Expt. Station of seeds of "Binet - rogné" - Is this name or one used above correct?

Storage notes:

None.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal. *mostly off.*

Habit of Growth: Very upright (roundish) broad flat (spreading)
Central leader: (Partially retained) disappeared. *11/13/28*

Branching:

Main limbs: Very medium (long) short; Very medium (slender)
stout; Medium (straight) crooked.

Secondary limbs: Numerous medium (few) Medium (slender) stout;
Drooping.

Twigs: Many medium (few) (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: (Very many) medium few; Very (medium) slender stout;
(1/2 - 1 - 2 - 3 inch); Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium (slender open) dense stocky
grower; (Top round) much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *No painting* Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

*Open slender growth characters of
main and secondary branches, with large
number of spurs and twigs produce a
rather distinct type of tree.
Great many warts or "nods" under
the bark.*

THE UNIVERSITY OF CHICAGO

VARIETY APPLE ORCHARD
Arlington Farm

94

Variety: *Bismarck*

Orchard location: Section *A* Row *5-6* Tree *5*

Arlington Accession No. *1811*

Pom. No. 24229

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/28</i>	<i>102648</i>	1927 ..		
1923 -	—		1928 -		
1924 -	<i>10/8</i>	<i>105673</i>	1929 -		
1925 -	—		1930		
1926 -	—		1931		

Blossom dates: 1924 - *4/26, first bloom; 5/3 still buds petals falling.*
1925 - *4/16 full bloom - but only few clusters.*
1926
1927

Remarks: *acc. no. 6596 (9:4:1) labeled Bismarck. Only one sample record. Fruit picked 9/9/30. Held that it cannot be Bismarck. Fruit appears to be an inferior French crab. (Possibly came from root stock).*

Scions from N.Y. Expt. Sta. 1902

Characterization:

1924, 10/20. Presumed to be correctly identified though some discrepancies are noted between paintings and the spec. in hand. Descriptions agree in important details with spec.

Medium size; roundish conic; yellow ground color. A fairly heavy overcoat of dull purplish red, some striping; a grayish overcoat on some spec. with heavy bluish bloom. Unattractive. Flesh tinged green, fine grain, fairly juicy, fairly tender; sharply acid; poor quality.

Storage notes:

2 lines

Vigor of Tree: Exceptionally strong average weak. Size: *Reckling in* Exceptionally large average (small).

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

3/2/26

Habit of Growth: Very (upright) roundish broad flat (spreading) *1924. note was* Central leader; Partially retained disappeared.

(In note back - not an true descriptive form.)

made of very short spurs and dense clusters of flowers.
Branching: *Spurs close together on limbs.*

Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping.

Twigs: Many medium few; (Medium) slender (stout); Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very (many) medium few; Very (medium slender stout); *short* 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched; Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

Twigs and spurs rather light color

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Rather weak, nuttally appearance is striking feature.

Illustrations:

Tree photographed

Fruit painted *Several*

Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

96

Variety: *Black Annette*

Orchard location: Section *D* Row *11* Tree *3*

Arlington Accession No. *3084*

From No. 24519

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>10/26</i>	<i>102879</i>	1927 -	<i>10/6</i>	<i>109640</i>
1923 -	<i>10/20</i>	<i>104272</i>	1928 -		
1924 -	<i>11/4</i>	<i>105973</i>	1929 -		
1925 -	—		1930		
1926 -	<i>11/1</i>	<i>108477</i>	1931		

Blossom dates: 1924 - *5/1, 25% buds open*
1925 - *4/14, 20% " " ; 4/18, 75% buds open*
1926 - *4/30, 40% " "*

1927

Remarks: *Noted in 1923 that fruits were finely colored.*
Scions from A. Branson, Sharon, Iowa, 1902

Characterization: *Notes mostly 11/6/26. Size. below medium, - about 2 1/2" in diameter; roundish, slightly oblate; very smooth, regular, uniform; Ground color: yellow, nearly covered with dark red overspread, sometimes rather dull, and indistinct striping. Dots numerous, yellowish areole, slightly raised, conspicuous; Cavity medium depth and width, stem 1", very slender; Basin rather shallow, fairly broad; calyx lobes rather large and long, mostly recurved; eye moderately large, varying from open to nearly closed. Flesh yellowish, texture rather coarse, fairly tender, quite juicy, mildly acid with peculiar characteristic flavor, while not especially unpleasant this flavor adds nothing to quality of the apple. Fair to good.*

Second sheet, Variety *Black Annette*

Storage notes: 1926 spec. stored. Out 4/2/27; exam 4/7/27
 kept well, no shriveling, no scald. Fine grain,
 tender, quite juicy, mildly acid, pleasant,
 fairly good - or perhaps slightly better.
 1927 spec. stored. Out 7/27/28. Exam. 3/9/28. In office
 refrigerator meanwhile. Kept in excellent condition.
 Fine grain, tender, juicy, mildly acid, slightly
 characteristic flavor which might be unpleasant
 to some. Fair or fair to good in quality.

Vigor of Tree: Exceptionally strong average (weak). Size:
 Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
 medium small; Color: Light dark normal.

1/10/28

Habit of Growth: Very (upright) roundish broad flat ^(slightly) spreading.
 Central leader: Partially retained (disappeared).

4/8/25 - Similarly in habit of growth to Rome Beauty was noted.

Branching: Normally well branched (see below).
Main limbs: Very medium long short; Very medium slender
 stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
 Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
 short; Straight branched twiggy; Medium open
 dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
 Spur twigs: Few medium many; Terminal bearing mostly
 considerable slight none

General aspect of tree: Medium slender open dense stocky
 grower; Top round much broader narrower than tall.

Illustrations:
 Tree photographed Neg. No. 47961

Fruit painted #127109/105973 Fruit modeled

Fruit described #12710-13722.

Disease notes by J. W. Roberts:
 mild occurrence of better rot. 7/10/21

The unsymmetrical because some of limbs have
 been broken & remain not clear. The droop of the
 secondary branches, and twigs and size of twigs and spurs
 are very like Cox Golden (acc. no. 3373. D: 23:3) (which see)
 are noted. But the tree is a poor thing with
 many water sprouts.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Black Ben*

Orchard location: Section *D* Row *9-10* Tree *3*

Arlington Accession No. *3079*

Pom. No. 24540

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/30</i>	<i>102759</i>	1927 -		
1923 -	<i>9/27</i>	<i>104115</i>	1928 -		
1924 -	<i>11/4</i>	<i>105972</i>	1929 -		
1925 -	<i>10/8</i>	<i>106992</i>	1930		
1926 -	<i>10/20</i>	<i>108671</i>	1931		

Blossom dates: 1924 - *5/1, 25% buds open*
 1925 - *4/14, 20% " " ; 4/18, few clusters of blossoms only.*
 1926 - *4/30, 25% " "*
 1927

Remarks: In 1925 and 1926 close similarity of specimens to typical *Gaucho* was noted. Impossible to separate spec. of 2 var. if mixed, on basis of any difference in appearance, form, or flesh characters.
Scions from Stark Bros. Louisiana, No. 1902

Characterization:

10/14/25: Flesh lightly tinged yellow, distinctly salty, firm, fine grain, tough, mildly acid, but mostly flavorless. - or approach thereto.

Second sheet, Variety

Black Ben

99

Storage notes: 1926 spec. stand. Out 3/15/27.

From 3/27/27. In office refrigerator
meanwhile. 1 spec. kept in excellent condition
so far as appearances go. Fairly well developed
and highly colored.

Flesh lightly tinged yellow fine grained
and in contrast to cond. at harvest, tender
and fairly juicy. Very mildly acid decidedly
looking in richness. Quality characteristically
poor but probably pretty good for the variety.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small,
(better than)

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading).
Central leader: (Partially retained) disappeared.

11/10/28

Branching: Well branched

Main limbs: Very medium long short; Very medium slender
(stout) Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium few: Medium (slender) stout; Long (medium
short); Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium (few); Very medium slender stout;
1/2 - 1 - (2 - 3 inch); Mostly branched unbranched;
Spur twigs: (Few) medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Main limbs show same roughness of bark.

Illustrations:

Tree photographed

Twiggy growth is conspicuous

Fruit painted several

Fruit modeled

Fruit described none

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

100

Variety: *Blenheim*

Orchard location: Section *A* Row *7-8* Tree *1*

Arlington Accession No. *1812*

Pom. No. 24230

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102548</i>	1927 -		
1923 -	<i>9/13</i>	<i>103920</i>	1928 -		
1924 -	<i>10/8</i>	<i>105674</i>	1929 -		
1925 -	<i>—</i>		1930		
1926 -	<i>9/9</i>	<i>107907</i>	1931		

Blossom dates: 1924 - *4/29*, 50% buds open; *5/3* full bloom
 1925 - *4/16* - past full bloom - few small limbs only with blossoms
 1926 - *4/28* - 75% buds open (*#* above) *1/2* dead
 1927 - *—*

Remarks:

Spec. picked 9/9/26 were apparently very immature. Fact is noted that they were picked a month earlier than in 1925 - with no reason based on maturity for so doing.

Scions from N. Y. Expt. Sta. 1902

Characterization: *1924 & 1926 notes. Medium to moderately large size, slightly oblate, regular. Ground color yellow, but when immature suggesting in form color of an immature Summer Rambo. Surface nearly covered with an overspread of red and some striping (a coppery overspread in immature spec. in 1926). Dots slightly raised, some are raised, rather conspicuous. Sometimes irregular russet leather cracking. Cavity - heavy coarse russeting; basin moderately deep, very broad, saucer shape, sepals rather large, distinctly reflexed, eye open - few varieties having such a conspicuous open eye, flesh white or lightly tinged (over)*

yellow; 9/26 very firm, fine grain, juicy,
sharply acid with suggestion of richness
when mature. 10/24 flavor was described
as sprightly acid slightly suggesting
early stages of fermentation (perhaps
astounding) Oct 2/26 quality was
given as delicate, fairly good, but
acidily most too high for a
dessert apple.

Storage notes:

No spec. in cold storage but in 1926 fruits were held at room temp. from picking Sept. 9, to Oct. 2. Then noted that ground color was yellow, flesh lightly tinged yellow, fine grain, juicy; acid, a little sharp; a ~~way~~ as if tartness might be pretty high; fairly good but acidity rather high for average consumer. Fruit was slightly shriveled.

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large (medium) small; Color: Light (dark) normal.

Habit of Growth: Very upright roundish (broad) (flat) (spreading).
Central leader: Partially retained disappeared.

8/11/26

Branching:

Main limbs: Very medium long short; Very medium slender (stout) Medium straight crooked.

Secondary limbs: (Numerous) medium few; Medium slender stout; Drooping.

Twigs: (Many) medium few; (Medium) slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very (many) medium few; Very medium slender (stout); 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched; Spur twigs: Few medium many; Terminal bearing mostly

Fruit borne on considerable slight none
spurs.

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Good sturdy tree, but not large

Illustrations:

Tree photographed Neg. no. 47875

Fruit painted ~~several~~

Fruit modeled

Fruit described #11254 - 21624

Disease notes by J. W. Roberts:

THE UNIVERSITY OF CHICAGO

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VARIETY APPLE ORCHARD
Arlington Farm

102

Variety: *Bloomfield*

Orchard location: Section *A* Row *7-8* Tree *2*

Arlington Accession No. *1813*; also *C: 21-22:1*, acc. No. *3041*
Pom. No. 24231 (1813); acc. No. *3041 - Pom. No. 24416*.

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/23</i>	<i>102310</i>	1927 -	<i>8/19</i>	<i>109329</i>
1923 -	<i>8/23 (#3041)</i>	<i>103853</i>	1928 -		
1924 -			1929 -		
1925 -	<i>8/21 (#3041)</i>	<i>106654</i>	1930		
1926 -	<i>9/9</i>	<i>107908</i>	1931		

Blossom dates: 1924 - *4/29*, 20% buds open; *5/3* full bloom
1925 - *4/13*, first bloom; *4/16* " "
1926 - *4/28*, center buds in clusters open.
1927

Remarks: *Notes based on acc. No. 1813 unless otherwise stated or indicated. Similar to No. 1813 from N.Y. Sta. 1905.*
acc. No. 4309. E: 22:1 is in position of Whitney Sunset but apparently sometime identified as Bloomfield
No. 4321. E: 22:4 is in position of Celestia but apparently sometime identified as Bloomfield.
No. 3218. D: 20:5 is in position of York Imperial but identified as Bloomfield. No other reference to these 3 numbers is here noted.
Records are Nos. 1813 & 3041.

Characterization: *Composite*
Good size a little inclined to lop sidedness, smooth, ground color yellowish well overspread with bright red and indistinct stripes on well colored nuts; some buttermilk overspread. Dots moderately numerous, brownish, fairly conspicuous.
Flesh yellowish, fairly fine grain, moderately juicy, (if overripe rather dry & mealy), medium acid until fully ripe, sprightly, fairly rich, better than good. Season August, sometimes extending well into Sept. Under favorable conditions its bright color and beautiful finish make it a very attractive apple of pleasing quality. (over)

From 1926 notes on Acc. No. 4309. E! 22:1.

Cavity deep, acute. Basin noticeably broad and deep, sides abrupt. This agrees as far as it goes with description in detail given in Rpt of the U.S. Pomologist for 1894 p. 17.

Origin: a chance seedling with John C. Bently, Sandy Springs, Md. First fruited about 1880.

Seems rather unfortunate that an apple as meritorious as this one should not have become better known.

acc. No. 3041 - Pom. No. 24416. Scions from J. C. Bently Sandy Springs, Md. 19

" " 3218 " " 24461. Scions from Charles V. Gerrardtown W. Va 4/10/03 as Imperial

" " 4309 " " 28392. Scions from H. W. Zappe Paint, Ohio - 3/9/03 - recd as Whitney Russet.

" " 4321 " " 28422. Scions from N. Y. Gt 3/13/03 - received as One

Second sheet, Variety

Bloomfield (acc. No. 1813. A:7-8:2)

Storage notes:

none

Vigor of Tree: Exceptionally strong average weak, Size: *Good*
Good. Exceptionally large ^(above) average small.

Foliage: Very abundant *fair condition* normal scanty. Leaves: Very large
(medium) small; Color: (Light) dark normal.

Habit of Growth: Very upright roundish broad *(somewhat)* flat spreading.
Central leader: Partially retained disappeared.

Branching: *Good*

Main limbs: Very medium long short; Very (medium) slender
(stout) Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping. *will be branched - many small branches*

Twigs: Many medium few; Medium (slender) stout; Long medium *throughout tree top. Some*
short; Straight branched twiggy; Medium open *are drooping*
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched *(mostly)* unbranched;

Spur twigs: Few medium (many) Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations: *A good tree with large bearing capacity - plump -*
of spurs and spur twigs. The small
Tree photographed *branches in tree top bear many short*
plump spurs.

Fruit painted *several*

Fruit modeled "

Fruit described *several*

Disease notes by J. W. Roberts:

9/13/27 Some leaf spot diseases in evidence.
Leaf hoppers much in evidence

Photographs: A:7:2. Neg No. 47858
C:22:1 " " 44680

VARIETY APPLE ORCHARD
Arlington Farm

104

Variety: *Blue Mountain*

Orchard location: Section *J* Row *23-24* Tree *5-*

Arlington Accession No. *7192*

Pom. No. acc. card missing

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/15</i>	<i>102280</i>	1927 -	<i>9/19</i>	<i>109431</i>
1923 -	<i>9/16</i>	<i>104026</i>	1928 -	<i>8/22</i>	<i>110310</i>
1924 -	<i>9/13</i>	<i>105409</i>	1929 -	—	—
1925 -	<i>9/1</i>	<i>106686</i>	1930 -	<i>9/18</i>	<i>111650</i>
1926 -	<i>8/27</i>	<i>107792</i>	1931 {	<i>8/25</i>	<i>112282</i>
				<i>9/16</i>	<i>112301</i>

Blossom dates: 1924 - *5/2*, 40% buds open; *5/6*, still some buds but bloom is very light.
 1928 - *4/26*, 50% buds open; 1925 - *4/15*, 50% " " *4/20*, 90% buds open - only few clusters
5/1, 90% buds open. 1926 - *5/1*, past full.
 1927 - *4/16*, 10% buds open; bloom very light.

Remarks: Row 24 - tree was small and weak - possibly sprout from root stock. Notes based on tree in Row 23.

Characterization: Large; roundish, slightly oblate, uniform, smooth, little inclined to lopsidedness. Ground color, yellowish, with wide stripes and splashes of red. A little suggestion of Pewankee about cavity and manner of striping. Cavity shallow, abrupt, russeted. Basin shallow, broad; eye varies from small, closed to large, open. Dots large, irregular, brownish raised; also many minute whitish depressed, inconspicuous. Flesh tinged yellow, tender, moderately juicy, mildly acid, sprightly with peculiar characteristic flavor, not unpleasant. Fruit variously appraised in different seasons from fairly good to indifferent with little to commend it.

Second sheet, Variety

Blue Mountain

105

Storage notes:

None

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

50% foliage still on tree

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared).

11/9/25

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched);

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense stocky
grower; Top (round) much broader narrower than tall.

Trn a good type with no special characteristics.

Illustrations:

Tree photographed Neg. Nos 49039 + 49040

Fruit painted *None*

Fruit modeled

Fruit described #11648

Disease notes by J. W. Roberts:

None

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Blue Pearmain (?) (see note below)*

Orchard location: Section *A* Row *19-20* Tree *1*

Arlington Accession No. *1844*

Pom. No. 24262

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -			1927 ..		
1923 -			1928 -		
1924 -			1929 -		
1925 -			1930		
1926 -			1931		

Blossom dates: 1924

1925

1926

1927

Remarks:

The above entry is made merely to account here for the acc. no and tree position. Fruit notes only for 1926 & 1927 available. Those for 1926 imply previous records were made. Apparently misplaced. In these 2 years records which include some storage notes on 1926 fruit there is evidence of so much mixing of varieties, and uncertainty of identity that the observations recorded are without value in the present connection.

Characterization:

Several samplings of the true Blue Pearmain.
Description: several

Note 7/28/43 acc. No. 1844. Pom. No. 24262 should be Gideon Swart. - which see. How the name Blue Pearmain came to be attached to these Nos. is not now clear. The 2 trees may have been different but doubtful if either of them was Gideon Swart for Blue Pearmain.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: Blushed Calville (or Trenton Early - which?)
see Remarks!

Pomology No. 24232

Orchard location: Section A Row 7 Tree 3

Arlington Accession No. 1814

Pom. No. 24232

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	7/10	101550	:	1927 -	7/11	109171
1923 -	7/10	103342	:	1928 -		
1924 -	7/23	105036	:	1929 -		
1925 -	7/7	106473	:	1930 -		
1926 -	7/21	107640	:	1931 -		

Blossom dates: 1924 - 4/26, 40% buds open; 7/29 full bloom.
1925 - 7/13, full bloom.
1926 - 4/27, "
1927 - 4/12, 25% buds open.

Remarks: Scans received in 1902 from N. Y. Expt. Station. According to the acc. record the name should be Blushed Calville but all fruit specimens were received under label Trenton Early. When or by what authority - if any - the name was changed is not known. It may have been done by error and not noticed until 1926 when the acc. record was consulted. The fruit has various characteristics in accord with description of Blushed Calville in Apples of N. Y. Too little is known as to what Trenton Early is like.

Characterization:

Size variable. Medium to small; distinctly conical, considerably ribbed, apex

furrowed, in some cases almost wrinkled; stem long, slender; ground color greenish white, sometimes slightly blushed; calyx tube, large, funnel shape; core somewhat open; (over)

Flesh white, fine grain, fairly tender,
juicy, sharply acid; poor quality.

7/14/27. The fruit though probably
nearly ripe seems immature
in flavor; a tinge of chlorophyll
green remains in skin; seeds
still white but the flesh seems
soft as in maturity. A poor
thing apparently, at best, as
grown here.

Second sheet, Variety

Blushed Calville (or Trouton)
Acc. No. 1814. Early? 108

Storage notes:

10/20/27

Vigor of Tree: Exceptionally strong average (weak). Size:
Exceptionally large average (small).

Foliage: Very abundant normal scanty. Leaves: Very (large)
medium small; Color: Light dark normal. Mostly off this date

Habit of Growth: Very upright (roundish broad-flat spreading)
Central leader: Partially retained disappeared.

Branching: Well branched - limbs smooth

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many (medium) few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very many medium few; Very (medium slender) (same) stout;
1/2 - 1 - 2 - 3 inch; (Mostly branched unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Back looks unhealthy - location may be adverse

Illustrations:

Tree photographed

Fruit painted several of Fruit modeled

Fruit described "

"

"

Disease notes by J. W. Roberts:

Trouton Early. None of Blushed
Calville
Trouton - whether Trouton Early or Blushed
Calville is a question

VARIETY APPLE ORCHARD
Arlington Farm

109

Variety: *Boiken*

Orchard location: Section *A* Row *7-8* Tree *4*

Arlington Accession No. *1815* (See over)

Pom. No. 24233

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102583</i>	1927 -	<i>9/23</i>	<i>109505</i>
1923 -	<i>9/28</i>	<i>104147</i>	1928 -		
1924 -	<i>10/8</i>	<i>105675</i>	1929 -		
1925 -	<i>10/3</i>	<i>106934</i>	1930		
1926 -	<i>11/1</i>	<i>108478</i>	1931		

Blossom dates: 1924 - *4/29* - first bloom

1925 - *4/13* - " " ; *4/16* - 40% buds open;

1926 - *4/28*, center buds open *4/22*, past full but still quite a lot of buds. developed more slowly than most varieties.

1927 -

Remarks:

1926, *11/6*. Trunked with small bitter rot infections

1927, *4/1* same crop in storage showed bad bitter rot decay.

Scions from N.Y. Agr. Sta. 1922

Characterization:

Seed size; oblate conic; regular except indistinct ribbing; Cavity broad and deep; Basin medium depth, fairly broad, somewhat abrupt. Ground color pale (yellow) with nearly complete overspread of bronzed red on basal half; some seedlings blushed with pinkish red; and considerable overspread of buttermilk. Dots small, fairly conspicuous over pale yellow ground color, less so on red colored surface. Flesh white, fine grain, fairly juicy; very acid; *10/25* - not yet fully ripe. *11/31/25*; fruit a little wilted, a little tough, juicy, still rather acid, lacks richness.

In 1922 sample was named as
acc. No. 3034. C:17-18:4 labeled Baiken
Records show No. 3034. C:17-18:5 is Ba
In 1923 & 1924 and 1925 specimens came
in from Arlington Farm marked Barvy
No. immediately available now on which
to settle the confusion. In each of these
3 years fruit was considered as Baiken
but inadequate information now
to whether actual comparisons will
authenticate Baiken were made.
likely tree No. 4 in 1922 was a mistake
and should have been 5. Even if the loca
grown was Baiken, the acc. No. appar
belonged to Barvy, doubtful. However
if this was ^{the} Barvy, acc No. 1805. A:3-4.

Storage notes:

4/1/27. Clean pleasant flavor, though still rather acid. as come from storage. Lacks richness.

Dec. 12/27 (1927 crop). Excellent physical condition - still too acid unless one desires pretty sour fruit. Lacks richness - not better than fair in quality.

Vigor of Tree: Exceptionally strong average weak. Size:

Tree Row - is very weak, bark dead on trunk & limbs. ^{Exceptionally large (average) small.} ^{apparently}
Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal. ^{1/5/28}

Habit of Growth: Very upright (roundish broad flat spreading).
Central leader: Partially retained disappeared.

Branching: Well branched

Main limbs: Very medium long short; Very (medium slender stout); Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping.

Twigs: Many (medium) few; (Medium slender stout) Long medium short; Straight branched twiggy; Medium open dense; Willowy. ^{rather drooping.}

Spurs: Very many (medium few); Very medium slender stout; (1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched);
Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender (open) dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg No. 47865. Also C:17:5 Neg No. 44700

Fruit painted *Several* Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

Aug. 10/21. Bitter rot noted as severe. Several references to bitter rot in annual notes, including fruits in storage. ^(only 1926 crop) Many small infections on same fruits. Apparently very susceptible to bitter rot.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Bonne de France* (a French cider crab)

{spelling
OK accord-
ing to
Va. Rpt.}

Orchard location: Section *J* Row *11-12* Tree *2*

Arlington Accession No. *8178*

Pom. No. 46395

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/6</i>	<i>102517</i>	1927 -	<i>10/4</i>	<i>109581</i>
1923 -	—		1928 -	—	
1924 -	—		1929 -	<i>9/6</i>	<i>111244</i>
1925 -	—		1930 -	—	
1926 -	<i>9/24</i>	<i>108176</i>	1931 -	—	

Blossom dates: 1924 - *5/6*, 25% buds open - bloom very light.
1925 - *4/15*, fruit buds barely in pink stage; leaf *4/20*, 40% buds open. buds dormant
1926 - *5/1*, few center buds open - mostly buds just showing pink.
1927 - *5/2*, first bloom
1928 - *5/5*, 20% buds open.

Remarks:

See *J. A. R. Vol. 36 No. 5 (March 1, 1926) J. S. Caldwell.*
discussed among other French cider crabs.
Scions from Va. Expt. Station 3/10/10

Characterization: *Small - 2"-2 1/4" in diameter; somewhat oblate. Mallocha in appearance. Ground color yellow a little coppery blush on exposed side. Dots variable from minute yellowish inconspicuous to large coarse russet dots and irregular patches of russet; leather cracking some seasons. Core medium depth, rather broad; stem 1/2", medium; basin medium, eye closed; flesh yellowish, fine grains, rather tough, nearly sweet, juice variable different seasons from moderately juicy to locking juice; astringency not very pronounced; may be of value for juice purposes, but apparently good for nothing else.*

Storage notes:

None

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
all of - medium small; Color: Light dark normal.

11/14/28

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous medium (few) Medium (slender) stout;
Drooping.

Twigs: Many medium (few) Medium (slender) stout; (Long) medium
short; (Straight) branched twiggy; Medium (open)
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2 - 3 inch) Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium (slender open) dense stocky
grower; Top (round) much broader narrower than tall.

Illustrations: *Long slender twigs, and fewness of them give a characteristic appearance*
Tree photographed

Fruit painted *None*

Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: ^{N U m} Bonum (incorrectly named)
Bonum

Orchard location: Section J Row 1-2 Tree 1

Arlington Accession No. 6591
Bonum No. 40876

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -			1927 ..		
1923 -			1928 -		
1924 -			1929 -		
1925 -			1930		
1926 -			1931		

Blossom dates: 1924 Excepting 1925, specimens of this fruit were received from
1925 Arlington every season from
1926 1922 to 1931 inclusive. It
1927 clearly was not Bonum and

Remarks: was never identified. It was harvested in the different years from Aug. 14 to Sept. 19, but usually during the last half of Aug. Scions received 4/17 from H.C.B. Colwell, Missoula Mont. It was a fairly large apple, yellow & round

Characterization: color, same red striping, some overabundant of gray. A suggestion of Saps of wine flavor was mentioned repeatedly and same seasons it was apparently quite pronounced. Texture was coarse, unattractive in appearance and quality only fair. Not considered of any value, regardless of identity. Several paintings. " descriptions No second sheet.

VARIETY APPLE ORCHARD
Arlington Farm

114

Variety: *Baskoop*

Orchard location: Section *D* Row *13-14* Tree *3*

Arlington Accession No. *3100*

Form. No. 24562

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	:	1927 ..		
1923 -	—	:	1928 -		
1924 -	<i>9/5</i>	<i>105432</i>	1929 -		
1925 -	<i>9/9</i>	<i>106727</i>	1930		
1926 -	—	:	1931		

Blossom dates: 1924

scions from
Prof. L. R. East 1925
Mich. Agr. Coll.
East Lansing, 1926
Mich. 1902

1927

*acc. No. 4211. E.: 14: 3.
Spec in each of several years
were submitted (received from
Arlington) under acc. No. 3100.*

Remarks:

*all over { card to No. 4211. Through specimens
were labeled Baskoop, in none
of the years received (4 different seasons)
were the specimens ever identified*

Characterization:

*as such - not as any other
recognized variety. It was inferior and of no value.*

Notes mostly in 1925:

*Good size, fairly regular, Ground color
greenish yellow with considerable russetting
scattered over surface. dots numerous varying
from inconspicuous light colored to small
russet areas which have appearance of breaking
through the skin. General effect is that of a russet apple.
Spec. rather immature on 9/16/25. Flesh yellowish, fine
grain, juicy, rather sharply acid at this time. Likeli-
hood pronounced when fully mature. Likeli- in prime condition
it would be fairly rich and pretty good. (no 22 sheet)*

Photos;

Neg. No. 44739

No painting

Descriptions: 22600-34038 (Russet file)

Acc. No. 4211 (no Pan. No.) was supposed
to be Smokehouse. Seams from
Kans. Agr. Coll. Manhattan, Mo. 7/14/03

VARIETY APPLE ORCHARD
Arlington Farm

115

Variety: *Boston Queen*

Orchard location: Section *A* Row *8* Tree *5*

Arlington Accession No. *1816*

Form. No. 24234

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -			1927 -		
1923 -	<i>8/23</i>	<i>103861</i>	1928 -		
1924 -	<i>9/13</i>	<i>105365</i>	1929 -		
1925 -	<i>8/21</i>	<i>106655</i>	1930		
1926 -	<i>8/25</i>	<i>107845</i>	1931		

Blossom dates: 1924 - *4/29*, 25% buds open; *5/3* full bloom
Very large 1925 - *4/14*, 50% " " *4/16* "
white
blooms. 1926 - *4/28*, 75% " "
 1927 -

Remarks: *Presumed to be correctly named although very little information is available as to just what typical fruit of this variety is like.*

Scions from N.Y. Agr. Sta. 1902

Characterization: *Large size. Fairly regular, oblate conical, somewhat suggesting Summer Rambo, Gracch or Western Beauty before any color develops on any of them. When fully ripe, golden yellow ground color, with broad stripes of red, some fleckings of buttermilk, whitish bloom. Some seasons stripes are pale red, only on exposed side. Flesh yellow. Fine grain, tender, juicy, very mildly acid to point of being flat, though fairly good with no characteristic flavor. 9/27/24 noted as delicate - an apple of pretty high quality. This season fruit was picked nearly 3 weeks later than in any of the other 3 seasons. Possibly full flavor develops only when left on tree to maturity.*

Second sheet, Variety

Easton Queen

116

Storage notes:

none

Vigor of Tree: Exceptionally strong average weak. Size:
Good Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat ^(slightly) spreading. *6/28*
Central leader: Partially retained disappeared.

Branching: *limbs and trunk smooth - well branched*

Main limbs: Very medium long short; Very (medium slender
stout) Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium) slender (stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; (Very) medium slender (stout);
(1/2 - 1) - 2 - 3 inch; Mostly branched (unbranched);

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Neg. No. 47874

Fruit painted # 05365

Fruit modeled

Fruit described # 9404A - 22996

Disease notes by J. W. Roberts:

*A fine tree! Numerous twigs and spurs and
secondary branches make a rather
dense top, but a fine type of tree.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Boston Seedling*

Pomology No. *50562 (probably)*

Orchard location: Section *K* Row *25* Tree *1*

Arlington Accession No. *10878*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -		
1923 -	<i>9/15</i>	<i>104011</i>	:	1928 -		
1924 -	<i>10/4</i>	—	:	1929 -		
1925 -	<i>9/15</i>	<i>106824</i>	:	1930 -		
1926 -			:	1931 -		

Blossom dates: 1924 -

1925 -

1926 -

1927 -

Remarks:

*Scions received 7/19/11 from entry under
Probably by looking up
this date the source of the scions can be
learned and something of the apple.
In 1923 I considered it to be Rambo
— which of course it might be — but*

Characterization:

*that was of course not authenticated.
Because of that identification
in 1923 it was regarded as
Rambo in other years.*

*Scions from private collection of W. H. Irwin,
in Eckington were sent to Arlington 7/21/11 under
Pom. No. 50562. As Acc. No. 10878 indicates a late receipt
in the orchard planting records, this Pom. No. is likely OK.*

VARIETY APPLE ORCHARD
Arlington Farm

118

Variety: Brackett

Orchard location: Section 6

Row 25-26 Tree 4

Arlington Accession No. 3054

Pom. No. 24509

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	—	1927 -	—	—
1923 -	10/26	104315	1928 -	—	—
1924 -	—	—	1929 -	—	—
1925 -	10/16	107089	1930	—	—
1926 -	11/1	108673	1931	—	—

Blossom dates: 1924 - 4/28, first bloom
1925 - 4/14, 20% buds open; 4/18, full bloom
1926 - 4/29, 50% " "
1927 -

Remarks: Presumably this is the Brackett from North Carolina, not the one from Minn. (see paintings) & from U. F. Morgan, Otter Creek, N. C. - in a degree confirming the foregoing suggestion that it was the Brackett from N. C.

Characterization: 1925 notes

Small, regular, smooth, oblate. Completely covered with a heavy overspread of rather dark red, very indistinct striping. Dots fairly numerous, depressed, minute, yellowish, not conspicuous. Flesh yellowish, satiny, fine grained. Too immature 10/26/25 for other characters.

Apr. 7/27. 1926 crop from storage. Flesh firm, fine grain, breaking. Mildly acid, some astringency. Very poor in quality, though highly attractive in appearance. Also too small.

Second sheet, Variety

Trackett

119

Storage notes:

1926 crop. Out of storage 4/2/27.
Exam 4/7/27. Spec. have kept well;
firm, solid, no shriveling.

Vigor of Tree: Exceptionally strong average weak. Size:
Vigor fair Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very ^{main limbs} upright roundish broad flat (spreading).
Central leader: Partially retained disappeared.

Branching: *well branched, but rather open top.*
Main limbs: Very medium long short; Very (medium) slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping. *(small)*

Twigs: Many medium few; Medium slender stout; Long medium
(short); Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many medium) few; Very medium slender (stout);
1/2 - 1 - 2 - 3 inch; *(mostly branched)* unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

Many knobs on main limbs under bark.

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 47944

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

120

Variety: *Brantot* (see below under remarks)
(a French crab)

Orchard location: Section *J* Row *11-12* Tree *3*

Arlington Accession No. *8191* — acc. card gives this No. as Ohio
Pom. No. 46549

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number	
1922 -	<i>9/6</i>	<i>102524</i>	1927 -	<i>10/4</i>	<i>109582</i>	<i>Pippin</i>
1923 -	—	:	1928 -	—		<i>seems</i>
1924 -	—	:	1929 -	<i>9/6</i>	<i>111245</i>	<i>red 3/23/10</i>
1925 -	—	:	1930 -	—		
1926 -	<i>10/1</i>	<i>108177</i>	1931 -	—		

Blossom dates: 1924 - *5/6* - full bloom. Bloom very light.
see note for source
1925 - *4/20*, 25% buds open
1926 - *5/3*, full bloom
1927-1928 - *5/5*, 50% buds open.

Remarks: This variety is listed in the orchard records as *Branto* — but it seems reasonably certain that the name should be *Brantot*. See J.A.R. Vol. 36. No 5. (March 1. 1928) — J. S. Caldwell — an chemical composition of cider crabs etc.

Characterization:

Size small, oblong conic, apex being rather acutely pointed, basin deep and abrupt, so that with narrow apex, there is little more than a rim of flesh about the basin. Ground color yellow, with surface nearly covered with coarse rough russeting and scattered conspicuous brown dots making an exceedingly unattractive coarsely finished fruit. Flesh lightly tinged yellow, fine grain, rather tough; fairly juicy 1926, lacking in 1927; mildly acid almost astringent, somewhat astringent. Should be judged as to quality only from cider standpoint.

Pam. No. 46549 records receipt of
scams, 3/28/10, of Ohio Pippin
from D. N. Shoumaker, Takama
Park, D.C. - a mistake
somewhere -

Second sheet, Variety *Drumst.*

Storage notes:

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
mostly off. medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; (Medium open-
dense); Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense stocky
grower; (Top round) much broader narrower than tall.

Illustrations:

Tree photographed

*Good type of tree - mostly medium
and all points - no extremes.*

Fruit painted *None*

Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

My dear Mr. [Name],

I have just received your letter of the 10th inst. and am glad to hear from you. I am well and hope this finds you the same.

I am sorry that I cannot give you a more definite answer at this time, but I am sure that you will understand my position.

I am sure that you will find the enclosed of interest.

I am, Sir, very respectfully,
Yours truly,
[Signature]

[Name]
[Address]

VARIETY APPLE ORCHARD
Arlington Farm

122

Variety: Broadwall Sweet (see below)

Orchard location: Section E Row 5-6 Tree 4

Arlington Accession No. 4197

Pam. No. A card for this var. in the Pam. index of Arlington

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	7/26	101630	1927 ..		
1923 -	8/2	103393	1928 24, 4/28		
1924 -	8/29	105182	1929 -		
1925 -	7/27	106513	1930	1925: 4/14	
1926 -			1931		

Blossoming dates:

1924 24, 4/28. 20% buds open; 5% full bloom - very light bloom

Blossom dates: 1924

Scions from

Kans. Agr. Coll. 1925

Moulton

Ks. 4/4/03 1926

1927

Remarks:

The identity of this apple is in doubt. Each year spec. were received from Arlington except 1924 the label was marked "incorrect" because the fruit was acid - which it now seems may have been due to the fact that the final flavor had not developed at time of examination.

The 1924 tag bears this notation: "This apple [spec in question] does not check with painting of Broadwall (Journ. No. 18805) from Dr. J. M. Cox, New Salem, Ohio. Scions of this apple [Broadwall Sweet in question] were received from Moulton, Kans.

Characterization:

The apple from Dr. Cox was received as Morton Sweet and according to a journal entry it was apparently relabeled Broadwall because the spec. seemed to agree with Downing's description of that variety; [hence it may not have been Broadwall of Downing; chances are it was not]. Our 1924 observation goes on to say: "There is no particular reason for thinking it is not the thing sent from Kansas as Broadwall Sweet. In form and external markings it is quite suggestive of Cornell Fancy. However the ground color is a deeper yellow, and the dots (over)

are large, irregular, and russeted. The
basin is also distinctly corrugated. The
one element of doubt is in the fact
that until very ripe, is very mildly
acid or nearly neutral, rather than
sweet. It is not of high quality.

This note omits any direct
statement, however, that the flavor
is sweet when the fruit is
very ripe. Nearest to such a
statement is that flavor is

nearly neutral until ripe.
It is of course quite possible
that when fully ripe the flavor
is on the sweet side. In any
event, whatever the variety, it is
apparent that it was of no particular
value, and probably never was
propagated for dissemination
to the trade.

Painting #15805-
Description: 1880 5-

VARIETY APPLE ORCHARD
Arlington Farm

123

Variety: Brown (Nottingham Brown?)

Orchard location: Section G Row 15 Tree 4

Arlington Accession No. 6339

Pom. No. 40518

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	9/23	102557	1927 -	9/12	109396
1923 -	10/8	104195	1928 -	9/27	110675
1924 -	10/4	106011½	1929 -		
1925 -	9/15	106839	1930		
1926 -	10/4	108178	1931		

Blossom dates: 1924 - 5/2, 75% buds open; 5/6, little past full.
1925 - 4/15, 75% " " ; 4/20, past full
1926 - 4/30, 75% " "
1927-1928 - 4/25, first bloom; 5/1, 90% buds open.

Remarks:

1923, 10/13. a large attractive apple.
scions received 3/13/05 from private collection of W.H. Drwin.
When well developed, a very attractive Eckington
apple in appearance.

Scions from Mr. Drwin's collection sent to Arlington 3/19/07
Characterization: under Pom. No. 38015. Not known whether propagated or
large, usually regular, sometimes halves unequal not
but not as much as shown in painting, Jour. No.
19059. slightly oblate conic as rule. Ground
color yellow, pretty well overspread in fully developed
fruits with a wash of bright red and indistinct
stripes. Dots variable, rather numerous,
some yellowish, some brownish, raised, areole,
rather conspicuous. Cavity, deep, broad, stem
7/8" slender. Basin medium, calyx lobes long,
partially converging, eye nearly closed. Flesh
yellowish, fairly fine grain, tender, moderately juicy,
(over)

mild slightly acid, pleasant, fairly
rich - a pretty good eating apple,
when in prime condition 9/29/25:

9/15/27 not now fully ripe.

1928 crop - 3/9/29 from storage: some.
what past prime (see storage notes)

Storage notes: 1928 Crop.

Picked 9/27; stored 1/8 (3 wks after picking); Out 2/4/29.

Exam. 2/9/29. Came out of storage apparently in good condition. In 5 days at room temp. there developed one of the worst cases of scald imaginable. In some cases flesh is involved nearly to the core line. Flesh a little grainy tender, a little lacking in juice, mildly acid, pleasant, fairly good. Somewhat salt brine apparently. Probably should have come out of storage

Vigor of Tree: Exceptionally strong (average) weak. Size: (see below)
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large (medium) small; Color: Light dark normal.

Habit of Growth: Very upright roundish (broad) flat (spreading).
lower limbs Central leader: Partially retained (disappeared).
upward horizontal ally.

Branching:

Main limbs: *well branched, stout, clean.*
Very medium long short; Very medium slender (stout) Medium straight crooked.

Secondary limbs: Numerous, medium few: Medium slender stout; Drooping.

Twigs: (Many) medium few; (Medium slender, stout); Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very (many) medium few; Very medium slender stout; 1/2 - (1 - 2) - 3 inch; Mostly branched unbranched; Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Top rather dense, but broad spreading habit lets sun in well. A fine sturdy tree.

Fruit painted #19059

Fruit modeled

Fruit described *several*

Disease notes by J. W. Roberts:

Evidence of leaf hoppers conspicuous. Storage (continued) by the holidays. However the delay of about 3 weeks in going into storage undoubtedly seriously affected storage quality.

1. The first part of the report deals with the general situation of the country and the progress of the work during the year. It also mentions the results of the various expeditions and the collections made.

2. The second part of the report deals with the results of the various expeditions and the collections made. It mentions the names of the various expeditions and the names of the collectors.

3. The third part of the report deals with the results of the various expeditions and the collections made. It mentions the names of the various expeditions and the names of the collectors.

4. The fourth part of the report deals with the results of the various expeditions and the collections made. It mentions the names of the various expeditions and the names of the collectors.

5. The fifth part of the report deals with the results of the various expeditions and the collections made. It mentions the names of the various expeditions and the names of the collectors.

6. The sixth part of the report deals with the results of the various expeditions and the collections made. It mentions the names of the various expeditions and the names of the collectors.

7. The seventh part of the report deals with the results of the various expeditions and the collections made. It mentions the names of the various expeditions and the names of the collectors.

8. The eighth part of the report deals with the results of the various expeditions and the collections made. It mentions the names of the various expeditions and the names of the collectors.

9. The ninth part of the report deals with the results of the various expeditions and the collections made. It mentions the names of the various expeditions and the names of the collectors.

VARIETY APPLE ORCHARD
Arlington Farm

125

Variety: *Brilliant* (see below under Remarks)
Incorrectly named.

Orchard location: Section *6* Row *25-26* Tree *2*

Arlington Accession No. *3052*

Sam No. 24500

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -			1927 -		
1923 -			1928 -		
1924 -			1929 -		
1925 -			1930		
1926 -			1931		

Blossom dates: 1924 *5/1, 25% buds open; 5/3, full bloom - bloom very light.*
1925 *4/14, 50% " " ; 4/18, little past full.*
1926
1927

Remarks: *Specimens received from Arlington Farm in 1922, 1923 + 1925. Each year the notation was made that specimens were not Brilliant - that is, no variety by that name of which records are available.*

Characterization: *Scions from H.C. Cook white, Salmon, Wash. 1912. Fruit was small, roundish, with heavy solid, dark overspread of red. Flesh tinged yellow, fine grain, tough, looking in juice, very mildly acid with very little flavor. A very pretty apple, but small size and poor quality leave it without apparent value. Apparently had same characteristics of Brackett, acc. no. 3054. Cr: 25-26; 4. Reference is made an 1922 spec. label to Shanon C: 15-16; 1.*

(over)

No second sheet.

3/4/26, medium size bee, upright,
sprawled; branches, tibiae
and spurs normal. Limbs
stocky, many curved knots;
top comparatively small.

Neg. No. 44687

Several paintings
descriptions: 16457-28578

VARIETY APPLE ORCHARD
Arlington Farm

126

Variety: *Buckingham*

Orchard location: Section *C* Row *17-18* Tree *1*

Arlington Accession No. *3029*

Pom. No. 24483

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102604</i>	1927 -		
1923 -	<i>9/27</i>	<i>104111</i>	1928 -		
1924 -	<i>10/14</i>	<i>105690</i>	1929 -		
1925 -	—		1930		
1926 -	—		1931		

Blossom dates: 1924 — *5/1, 25% buds open.*
 1925 — *4/4, 25% buds open; 4/5, little buds full.*
 1926 — *no records*
 1927 —

Remarks:

Variety not well enough known to be sure of identity but presumed to be OK. An old variety of Virginia origin. Scions from Prof. Wm B. Alwood, Blacksburg, Va.

Characterization:

1924 notes only.

Good size, ground color yellowish when fully ripe, well overspread with red and indistinct striping; a purplish bloom; a grayish overcast in some specimens. The finish is rather rough yet fruits are not unattractive in appearance. Flesh moderately fine grain, moderately juicy, very mildly acid with a rather unpleasant flavor that might be described as a ground flavor. (No second sheet)

3/4/26 - Tree note; Medium size,
upright, not much spreading;
branches, twigs and spurs
normal, great many bare
knuts on branches.

Neg. No. 44659
Painting #14756
Descriptions: several

VARIETY APPLE ORCHARD
Arlington Farm

127

Variety: *Buckskin*

Orchard location: Section *C* Row *9-10* Tree *1*

Arlington Accession No. *3006*. (*acc. No. 3082, D: 11-12: 1*)
Pam. No. 24485 also same variety.

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102552</i>	1927 -	<i>9/26</i>	<i>109506</i>
1923 -	<i>10/20</i>	<i>104280</i>	1928 -		
1924 -	<i>10/14</i>	<i>105688</i>	1929 -		
1925 -	—		1930		
1926 -	—		1931		

Blossom dates: 1924 - *5/1, 90% buds open; 5/3, part full bloom*
1925 - *4/14, full bloom*
1926 - *4/28, " "*
1927

Remarks: *Scions from Prof. W. B. Alwood, Blacksburg, Va. (Va. Agr. Expt. Sta.)*
Mr. Irwin's card file records: Pam. No. 24486, acc. No. 3006. Scions of Buckskin received 3-25-02 from John A. Moomaw, Trumbull, Ohio.

Characterization:

See Buckskin
acc. No. 3082. D: 11-12: 1
for more complete records.

Second sheet, Variety

Buckskin

128

Storage notes:

acc. No. 3006. 6: 9-10: 1

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat spreading.
Central leader: Partially retained disappeared.

Secondary branches spreading.

Branching:

Main limbs: Very medium long short; Very medium slender
(stout) Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: (Many) medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium slender stout;

Burr knots on twigs conspicuous
1/2 - (1 - 2 - 3 inch) (Mostly branched unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Burr knots so abundant, give tree a queer appearance.

Illustrations:

Tree photographed Neg. No. 47917

Fruit painted

Several

Fruit modeled

Fruit described #13080 - 39544

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Buckskin*

Orchard location: Section *D* Row *11-12* Tree *1*

Arlington Accession No. *3082* (acc. No. 3006. C: 9-10:1)
Pom. No. 24516 also *Buckskin*.

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—		1927 -		
1923 -	<i>10/20</i>	<i>104281</i>	1928 -		
1924 -	<i>10/11</i>	<i>105608</i>	1929 -		
1925 -	—		1930		
1926 -	<i>9/26</i>	<i>109507</i>	1931		

Blossom dates: 1924 - *4/28, first bloom; 5/2, full bloom*
1925 - *4/14, past full bloom, petals falling*
1926 - *4/30, full bloom*
1927 - *4/12, first bloom.*

Remarks: *Scions from Rev. S. M. Lwin, Geneva, Kansas, 1902*

Characterization: *Mostly 1927 notes. Medium size or below, roundish cone, a little indistinct ribbing; some specimens compressed. Ground color yellow, a rather bright red blush on exposed side. dots moderately numerous, yellowish, small and inconspicuous, or brownish and rather conspicuous on yellow ground color. Cavity medium, basin rather small and narrow; eye small, closed. Flesh lightly tinged yellow, fine grain, firm, fairly juicy; sprightly acid now (9/29/27), too immature for quality notes, but too indifferent in appearance and too small to be of value. 10/16/24, flavor and dessert quality rather indifferent.*

Second sheet, Variety

Buckskin

130

Storage notes:

D : 11-12 : 1.

Vigor of Tree: Exceptionally strong average weak. Size:
"fair. Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad (flat) spreading.
Central leader: Partially retained ~~disappeared~~

Branching:

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight (crooked)

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium few; Medium slender stout; Long medium
(short); Straight branched twiggy; Medium open
dense; Willowy. (Crooked)

Spurs: Very (many) medium few; Very (medium slender stout);
1/2 - (1 - 2 - 3 inch); ~~Mostly~~ (some) branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Neg. No. 47959

Fruit painted

Fruit modeled

Fruit described #13080 - 39544

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Bughorn* (acc. card gives *Boghorn*)
Pom. Jour record is *Bughorn*

Orchard location: Section *D* Row *3-4* Tree *1*

Arlington Accession No. *3061*

Pom. No. 24550

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922	<i>9/19</i>	102492	1927	<i>9/23</i>	109508
	<i>9/23</i>	102551			
1923	<i>9/23</i>	104054	1928		
1924	<i>9/15</i>	105496	1929		
	<i>10/11</i>	105606			
1925	<i>9/25</i>	106953	1930		
1926	<i>10/20</i>	108674	1931		

Scissors from Newton Banner, Sugar Grove, N.C.

Blossom dates: 1924- *5/1*, 40% buds open
Scissors from Newton Banner, Sugar Grove, N.C.
1925- *4/4*, first bloom; *4/8*, 90% buds open
1926- *4/30*, 25% buds open
1927- *5/2*, past bloom, few petals still remain.

Remarks: In some of the notes the name has been changed to *Boghorn*. Mr. Irwin's description of what is doubtless this variety gives the name *Bug Horn*. Because of discrepancies between specimens and description doubt was expressed at times as to identity but final decision accepted correctness of identification.

Characterizations:

Size and shape variable. Medium to fairly large. Larger fruits regular and slightly oblate, smaller regular, round. Ground color light green or greenish white, more or less overspread with bright red, with indistinct stripes on better colored fruits, more distinct if not a red color. Overspread of buttermilk, especially about base and bluish bloom. Vents moderately numerous, light colored. Cavity moderately deep, sides almost basin moderately deep, rather broad; calyx lobes rather large, usually reflex. Eye large, usually open, sometimes closed. Quality variable but probably most spec. were picked prematurely since in 1924 Oct. 11 noted as not fully mature. Ripen fruits (over)

apparently were better quality than earlier
harvested ones. Suggestion made several times
that quality would probably be pretty good
if fully ripe. Mr. Irwin's description
indicates fairly high quality.

Second sheet, Variety

Bug horn

132

Storage notes: 1926 spec stored, cut 3/27. Exam.

4/1/27. Physical condition good, color fairly bright. Though firm to touch, there is much breaking down of flesh due probably to its being past its season of durability. Dry, mealy with flavor fresh well gone.

1927 spec stored. Cut Jan 5/28. Exam 1/9/28. Kept well so far as appearances go, but soft to touch and apparently past prime. Moderately juicy with distinctly unpleasant flavor. Some astringency. (Good) Distinctly poor

Vigor of Tree: Exceptionally strong average weak. Size: Exceptionally large (average) small. quality now.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright) (roundish to broad) flat (spreading) Central leader: Partially retained disappeared

Branching:

Main limbs: Very medium long short; Very medium slender (stout); Medium straight (crooked) smooth

Secondary limbs: Numerous medium few: Medium slender stout; Drooping.

Twigs: (Many) medium few; Medium (slender) stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout; (1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched) Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Nothing particularly characteristic.

Illustrations:

Tree photographed

Fruit painted #105606

Fruit modeled

Fruit described #19249

Disease notes by J. W. Roberts:

133

Row 15-16 Tree 3

Arlington Accession No. 4296
 Pam. No. 28346

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	9/25	102618	1927 ..		
1923 -	10/8	104190	1928 -		
1924 -	10/4	-	1929 -		
1925 -	9/23	106840	1930		
1926 -			1931		

Blossom dates: 1924

1925

1926

1937

Remarks:

ks: There is uncertainty as to just what
this Butter Red should be like.
Scion from Geo. Balderson, Clara, Wd 3/9/03

Characterization: Notes mostly in 1925.
Size medium, regular, except tendency for sides to be slightly unequal, roundish conic to slightly oblong conic - some specimens suggest small pelicans in form, with similar knobbing at apex.
Ground color yellow, pretty well overspread in light colored specimens with bright red and indistinct stripings, dots minute, numerous, depressed about apex; about base dots quite large, surrounded by a yellowish area - quite conspicuous. Flesh yellow, moderately fine grain, tender; very mildly acid, practically neutral, rather flat flavor; no apparent merit.
In 1924, it was referred to as fairly juicy and pretty good in dessert quality. (no 2^d sheet).

3/26. 17m note: Below medium
in size, inferior; one bad
crotch, other true trunk has
cankers or other bad injury,
upright, spreading, with tendency
for limbs to droop. Branches
small, firm, stout.
no paintings
no description

VARIETY APPLE ORCHARD
Arlington Farm

131

Variety: *Carnak* (?)

Orchard location: Section *E* Row *15-16* Tree *4*

Arlington Accession No. *4297*
Pom. No 28347

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/30</i>	<i>102753</i>	1927 -	<i>9/22</i>	<i>109509</i>
1923 -	<i>10/20</i>	<i>104282</i>	1928 -		
1924 -	—		1929 -		
1925 -	<i>9/25</i>	<i>106954</i>	1930		
1926 -	<i>9/17</i>	<i>108119</i>	1931		

Blossom dates: 1924 - *no bloom*
Scions from
Geo. Balderson, 1925 - 4/14, 25% buds open, 4/20, part full but still same buds.
Clara, Md.
3/19/03 1926 - *7/30, first bloom.*
1927 -

Remarks: *Identity of this apple was never definitely determined. Main difficulty is in knowing just what Carnak is like. Specimens from Arlington do not check well with paintings on file of Carnak, but they meet - or did some seasons - my concept of Carnak better than the paintings do except the flavor could hardly be termed sweet, which Carnak is supposed to be.*

Characterization: *Composite of several seasons.*
Size, medium or below. smooth, regular except indistinct ribbing, somewhat oblate. Ground color yellow, a little red or bronze blush about base on some fruits. Stots vary from minute yellowish, depressed, to brownish faint and scattered. Flesh yellowish, fairly fine grain, considerable body to flesh, fairly tender, average juice, fairly rich, pleasant. Very mildly acid, but on 10/3/25 it was noted as approaching sweet. Description in B.D.B. Bul 56 gives "brisk pleasant sweet." Question now (12/12/41) comes as to whether reference in (over)

Arking on notes to mildly acid flavor
may not have related to specimens not
fully developed as to flavor - that is, not
completely ripe.

Storage notes:

Vigor of Tree: Exceptionally strong average weak. Size:
 " *good*. Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
 medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching: *well branched*
Main limbs: Very medium long short; Very medium slender
 (stout); Medium straight crooked.
Secondary limbs: Numerous medium few; Medium slender stout;
 Drooping.

Twigs: (Many) medium few; Medium (slender) stout; Long medium
 short; Straight branched twiggy; Medium open
 dense; Willowy.

Spurs: Very many medium (few) Very medium (slender) stout;
mostly 1/2 - (1) - 2 - 3 inch; Mostly branched unbranched;
 Spur twigs: Few medium many; Terminal bearing mostly
 considerable slight none

General aspect of tree: Medium slender open dense stocky
 grower; Top round much broader narrower than tall.

same rough bark on trunk similar
 Illustrations: *to yellow Newtown*
 Tree photographed *neg. no. 49000*

Fruit painted *Several* Fruit modeled

Fruit described *none*

Disease notes by J. W. Roberts:

The first of these is the fact that the
government has been unable to
obtain the necessary funds to
carry out its policy of
expanding the public works
program. This is due to the
fact that the government has
been unable to obtain the
necessary funds to carry out
its policy of expanding the
public works program.

The second of these is the fact that
the government has been unable to
obtain the necessary funds to
carry out its policy of
expanding the public works
program. This is due to the
fact that the government has
been unable to obtain the
necessary funds to carry out
its policy of expanding the
public works program.

The third of these is the fact that
the government has been unable to
obtain the necessary funds to
carry out its policy of
expanding the public works
program. This is due to the
fact that the government has
been unable to obtain the
necessary funds to carry out
its policy of expanding the
public works program.

Very truly yours,

John F. Kennedy

President of the United States

White House, Washington, D.C.

VARIETY APPLE ORCHARD
Arlington Farm

136

Variety: *Canada Reinette*

Orchard location: Section *A* Row *9-10* Tree *1*

Arlington Accession No. *1817*

Pom. No. 24235

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102580</i>	:	1927 -	<i>9/23</i>	<i>109570</i>
1923 -	<i>9/27</i>	<i>104117</i>	:	1928 -		
1924 -	<i>9/15</i>	<i>105441</i>	:	1929 -		
1925 -	<i>10/3</i>	<i>106894</i>	:	1930		
1926 -			:	1931		

Blossom dates: 1924 - *4/29, first bloom; 5/3, still buds but petals dropping.*
 1925 - *4/13, " " ; 4/16, full bloom.*
 1926 - *4/28, center buds open.*
 1927 -

Remarks: In 1922 and 1923 same doubt was expressed as to correctness of identity because of variance between spec. and descriptions. In other years spec. and descriptions were in sufficient agreement to make correctness of identity seem reasonably certain.

Scions from N. Y. Agr. Sta. 1902

Characterization:

Fairly large, roundish conic, same spec. slightly oblate; regular, smooth except slight ribbing. Ground color yellow with many irregular russet dots, some triangular, some stellar, many leather cracks then giving appearance of a russet variety. Sometimes a bronze blush on side exposed; rough leather cracking may result in unattractive appearance. Cavity medium, heavily russeted; basin medium. Flesh yellowish, fine grain. This date (10/4/24) (over)

breath firm and acid. Fruit seems immature
and willing considerably. Picked 7/15/24 which
was probably too early. See also
storage notes for quality.

Variety resembles Suvar in some
respects.

Storage notes: Crop 1927 out of storage 1/5/28
 Exam. 1/9/27. Kept in good condition.
 Now prime eating condition. Fairly
 fine grain, tender; fairly juicy; acidity
 not very pronounced but rather sprightly.
 Flavor somewhat characteristic but
 indefinable; probably rates as good.
 A suggestion of mealiness in texture but not
 objectionable.

Vigor of Tree: Exceptionally strong average (weak) Size:
 Exceptionally large average (small)

Foliage: Very abundant (normal) scanty. Leaves: Very large
 medium small; Color: Light (dark) normal.

Habit of Growth: Very upright roundish (broad flat spreading).
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very (medium) long short; Very medium slender
 stout; Medium straight crooked.

Secondary limbs: (Numerous) medium few; Medium slender stout;
 Drooping.

Twigs: Many medium few; (Medium slender stout); Long medium
 short; Straight branched twiggy; Medium open
 dense; Willowy.

Spurs: Very (many) medium few; Very medium slender (stout);
 1/2 - (1 - 2) - 3 inch; Mostly branched unbranched;
 Spur twigs: Few medium many; Terminal bearing mostly
 considerable slight none

General aspect of tree: Medium slender open dense stocky
 grower; Top round much broader narrower than tall.
 See below.

Illustrations:

Tree photographed

Fruit painted Several

Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

Probably a bad case of crown gall, which
 likely accounts for small size and lack
 of vigor. Besides, tree is located on
 a rather bare, barren ridge which
 probably has contributed to present
 condition of tree.

VARIETY APPLE ORCHARD
Arlington Farm

138

Variety: Carlbough

Orchard location: Section H Row 15-16 Tree 4

Arlington Accession No. 6414 - Pom No. 40632

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<u>10/26</u>	<u>102881</u>	1927 -	<u>9/21</u>	<u>109468</u>
1923 -	<u>—</u>	<u>106020</u>	1928 -	<u>10/23</u>	<u>110888</u>
1924 -	<u>11/4</u>		1929 -	<u>9/10</u>	<u>111169</u>
1925 -	<u>9/23</u>	<u>106841</u>	1930 -	<u>9/18</u>	<u>111651</u>
1926 -	<u>10/4</u>	<u>108180</u>	1931 -	<u>10/6</u>	<u>112323</u>

Blossom dates: 1924 5/2, 25% buds open; 5/6, full bloom - but light
1925 4/15, 25% " " ; 4/20, 75% buds open.
1926 - 4/30, 25% buds open
1927/1928 - 4/26, first bloom; 5/1, 40% buds open.

Remarks: The orchard records show this variety as Carlbough, but checking back to Jaur. & Pom. receipt records, it becomes apparent ^{OK that} Carlbough is correct. Scans through W. H. Rubin 3/27/08 from private collection in Erlington (see over).
Characterization: Fairly good size, roundish cone to oblong cone; fairly regular except that some fruits have sides unequal. Ground color unattractive greenish yellow with considerable gray overspread (winter mark). Dots numerous, variable from submerged to conspicuous to conspicuous brown; Cavity medium width, deep, abrupt; ~~Basin~~ stem slender, $\frac{1}{2}$ " - $\frac{3}{4}$ " long. Basin rather deep, abrupt; calyx lobes fairly large, though reflexed. eye is nearly closed. Flesh tinged yellow to nearly white; fine grain, considerable body to it but rather tender, very mild subacid to neutral, becoming sweet when fully mature. Mostly indifferent and rather poor quality but apparently most of the lots were picked too early. 11/24 noted as (over)

Moderately juicy, sweet, moderately rich, fairly good.
17/25 noted as having a good deal of water core
and too immature for quality to be developed.

1925 notes mentioned unattractiveness of fruit.
while 1927 notes stated it was probably
less unattractive than in 1925.

Apparently most of the lots were picked, or
at least assumed to be, too early for best
quality of the variety to be developed. Where
reference was made to fairly good
quality, fruit was well matured.

See storage notes for further
quality report.

Pam. No. 40632 traces to Pam. No. 11720
which was fruit of Caribough from
C. S. Scott. Links Grove, W. Va.

Scions were sent by Mr. Loring
from his private collection to Arlington
3/19/07 under Pam. No. 38016. Not known
whether propagated or not.

Second sheet, Variety *Carbough*.

Storage notes: Crop 1927, Picked 9/21/27, Out of storage 12/8/27
Exam 1/10/28 does not seem to have improved much
since note made 9/26. Still firm but eating ripe.
Very mild subacid, nearly neutral, flat and lacking
in quality - not above fair. Re-exam. 12/20/27 Had
advanced in maturity until nearly if not quite
sweet. While lacking richness, it was rather pleasant
and at least good in quality - but unattractive.

Crop 1928. Picked 10/23. Out of storage 4/17/29. Exam. 6/4/29
Probably in office refrigerator meanwhile. Ground-
color then given as yellow, most of spec. had decayed
considerably. Flesh white, coarse grain, quite juicy, fair in quality.

Vigor of Tree: Exceptionally strong (average) weak, Size: *nearly or quite sweet.*
Exceptionally large (average) small. *Past prime condition*

Foliage: Very abundant (normal) scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender)
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping. *Nothing characteristic.*

Twigs: (Many) medium few; Medium (slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; (Willow)

Spurs: Very many medium (few) Very medium slender stout;

1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

Mostly terminal bearing.

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Willow-like habit of growth (see below)

Illustrations:

Tree photographed

Fruit painted *several* Fruit modeled

Fruit described *several*

Disease notes by J. W. Roberts:

*In 1926 orchard note book reference was
made to Rome Beauty type of growth
and blossoms.*

Variety Apple Orchard.
Arlington Farm

140

Variety: Carson

acc. No. 6438. H: 23:3

" " 8193 J: 17-18:2

Both lots presumably were authentic.
Row 24:3 was not true to name.
Fruit same seasons had resemblance
to Baldwin and may have been that
variety.

In 1922 and 1923 the samples of No. 6438
were received from Arlington as
Shockford - which they were not.
Subsequently they were labeled
Carson. The Arlington Acc. Record
gives the variety as Carson.

Tree 3, Row 24, Sec H: is not
included in any of the attached
records beyond a reference to its
not being Carson.

VARIETY APPLE ORCHARD
Arlington Farm

141

Variety:

Carson

Orchard location:

Section

H

Row

23

Tree

3

Arlington Accession No.

6438

(see also # 8193, 9:17-18:2)
which is Carson.

Bom. No. 40653

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	9/6	102513	1927 -	9/21	109432
1923 -	9/16	104030	1928 -	10/23	110716
1924 -	10/21	106021	1929 -		
1925 -	—	—	1930		
1926 -	9/17	108181	1931		

Blossom dates:

1924

5/2, 90% buds open; 5/6, considerably past full

scissors from

Mr. Drubin

1925

4/15, 90% " " ; 4/20, " "

3/27/08

(over)

1926

4/30, 75% buds open

1927

1928 - 4/20, first bloom; 4/26, 20% buds open; 5/1, 90% buds open

Remarks:

Row 24, T 3, supposedly

Carson was something else, identically indetermined.

It was a poor wash tree; fruit - some seasons suggested Baldwin and may have been that variety.

This tree + fruit are not included in this report otherwise than by this statement.

Characterization:

Specimens in 1922 and in 1923 were labeled Shackelford - which they clearly were not. Acc. No. 6438 in Arlington records is Carson.

Characterization:

Size variable from very large to medium; roundish conic to oblate (similar to paintings on file). Ground color yellowish, overfaded in better colored specimens with thin wash of very bright red, indistinct stripes. Same spec. red wash is little more than a blush. Dots numerous, variable, whitish, not conspicuous; other spec. varied and simply similar to Twenty-ounce; still others brownish and even with surface.

Cavity deep, abrupt, lipped; stem 1/2". Basin deep, abrupt (over)

Eye large, open, occupying entire width
of basin.
Flesh yellowish, distinctly salty, rather
coarse grain, breaking, quite juicy;
slightly subacid - when fully ripe
probably fairly rich, fairly good.
Some lots examined when too immature,
apparently, and reported as pretty acid
with no other particular flavor otherwise.
See storage note for further
statement.

fruit full characterization notes
were made on 1928 storage specimens
when examined Apr. 5, 1929, but
most of details covered above.
A few additional features appear
under storage notes for
this lot of fruit.

Scions from Nathan Moore
Toledo, Ohio 3/26/08 - sent to
Arlington through Mr. Irwin
but not supplied by him.

Storage notes:

Crop 1927. Out of storage 12/7/27. Exam. 12/8/27
 Held up well as to appearance but is probably a little past prime. Texture is a little grainy, tender, fairly juicy; acidily a little sharp, otherwise pleasant but without characteristic flavor.
 Good in quality. (over)

Vigor of Tree: Exceptionally strong average (weak). Size: Exceptionally large average (small).

Foliage: Very abundant (normal) scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading. Central leader: Partially (retained) disappeared. *Appears to be rather spreading but limbs weigh down with fruit.*

Branching:

Main limbs: Very medium long short; Very (medium) slender (stout); Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping.

Twigs: (Many) medium few; Medium slender stout; Long medium short; Straight branched (twiggy) Medium open dense; Willowy.

Spurs: Very (many) medium few; Very medium slender stout;

1/2 - (1) 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations: *dwarfish - Vigor may be better than appears. Seems healthy - heavy crop, fully developed, well finished.*
 Tree photographed

Fruit painted *Several*

Fruit modeled

Fruit described #37066

Disease notes by J. W. Roberts:

Storage notes (continued):
Crop of 1928. Picked 1/28; stored 1/27;
out of storage 3/19/29. Held then at room
temperature for several days, followed
by several days in office refrigerator
till examined 4/5/29.

In good physical condition,
apparently. Little or no shriveling
and but very little scald.

Flesh lightly tinged yellow, rather
coarse grain, very tender, not
much body to flesh; quite
juicy; very mild subacid

(in contrast to rather highly
acid flavor of other lots)

Flavor rather delicate but
not pronounced; lacking
richness, fair in quality
or better.

Some spec. have begun
to break down at core.

Probably past prime eating
condition though physical
condition seems to be pretty
good except where breaking
down of tissue is in evidence.

VARIETY APPLE ORCHARD
Arlington Farm

143

Variety: *Carson*

Orchard location: Section *f* Row *17-18* Tree *2*

Arlington Accession No. *8793* (See #6438. #12313)
Don. No. missing which also is Carson

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	9/6	102505	1927 -	9/19	109433
1923 -	9/19	104095	1928 -	10/10	110676
1924 -	9/7	105270	1929 -		
1925 -	9/16	106813	1930		
1926 -	9/24	108182	1931		

Blossom Dates: 1924 - *no bloom.*

1925 - *4/15, 50% buds open; 4/20, past full, but still some buds.*

1926 - *5/1, 50% " "*

1927-1928; *4/26, first bloom; 5/2, 75% buds open.*

Remarks:

scarlet red 3/23/10

Characterization: *Good size - medium and above, oblate slightly conic. Fairly regular, sometimes halves a little unequal, very indistinct ribbing same seasons. Ground color pale yellow, lightly over- spread with bright red and indistinct stripe. Spots numerous, minute, yellowish, raised but not breaking through skin; same seasons surface is simply similar to Twenty Ounce. Cavity rather deep, abrupt, stem about 1/2", slender. Basin rather deep, abrupt; calyx lobes medium, reflex, eye - medium, open. Flesh tinged yellow, fine grained, tender (suggests flesh of Fameuse), average juice, fairly strongly subacid, not rich but pleasant, rather delicate - better than many varieties. "A rather attractive bright red fruit."*

Second sheet, Variety

Carson (#8193. f: 17-18: 2)

Storage notes: Crop 1928.

Stand Oct. 18/28. Cut 7/4/29. Exam. 7/9/29
Kept well; in prime eating condition, but
probably about at limit of durability.
Ground color pale yellow. Flesh lightly tinged
yellow; fine grain, tender, quite juicy, mild
subacid, not rich but pleasant, good.
Tenderness of flesh suggests Farnese flesh.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
Mostly off medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: (Numerous) medium few: (Medium) slender stout;
Drooping.

Twigs: Many (medium) few: (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; (Medium open
dense); Willowy.

Spurs: Very (many) medium few; Very medium (slender) stout;
(1/2 - 1 - 2 - 3 inch); Mostly branched (unbranched)
Spur twigs: (Few) medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium slender open) dense stocky
grower; Top (round) much broader narrower than tall.

Position of twigs and angle of secondary branches
Illustrations: are rather characteristic.
Tree photographed Neg. No. 49025

Fruit painted several Fruit modeled

Fruit described 37066

Disease notes by J. W. Roberts:

In 1925 there was a good deal of bitter rot.

First of all, I must say that I am very pleased to hear from you and that I hope you are well.

I have been thinking about you a great deal lately and wondering how you are getting on.

I have been very busy lately, but I have managed to find some time to write to you.

I have been thinking about you a great deal lately and wondering how you are getting on. I have been very busy lately, but I have managed to find some time to write to you.

I have been thinking about you a great deal lately and wondering how you are getting on. I have been very busy lately, but I have managed to find some time to write to you.

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I have been thinking about you a great deal lately and wondering how you are getting on. I have been very busy lately, but I have managed to find some time to write to you.

I have been thinking about you a great deal lately and wondering how you are getting on. I have been very busy lately, but I have managed to find some time to write to you.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Catline*

Orchard location: Section *I* Row *25-26* Tree *1*

Arlington Accession No. *7193* (see #3009, 6:9-10:4)
Pom. No. acc. missing also Catline.

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/6</i>	<i>102519</i>	1927 -	<i>9/13</i>	<i>109434</i>
1923 -	<i>9/6</i>	—	1928 -	—	—
1924 -	<i>10/8</i>	<i>105714</i>	1929 -	<i>8/23</i>	<i>111110</i>
1925 -	—	—	1930 -	<i>8/20</i>	<i>111535</i>
1926 -	<i>9/17</i>	<i>108183</i>	1931 -	<i>9/16</i>	<i>112302</i>

Blossom dates:

1924 *5/11*, 50% buds open - light bloom
1925 *4/14*, 50% " " ; *4/18*, past full
1926 - *4/30*, 90% buds open
1927 - *4/16*, 25% " "
1928 - *4/20*, first bloom; *4/26*, 20% buds open; *5/11*, full bloom.

Remarks:

doubt repeatedly expressed as to correctness of identity because of differences between fruit and paintings on file etc. doubt also as to whether same as No. 3009. However characterizations of the two appear to be much alike
Characterization: *except that these were picked, in general a month earlier than #3009. same differences however.*

Size medium to below, roundish, slightly conic to slightly oblate. Ground color yellow, overspread with dull red wash and striped. Stems numerous, yellowish, raised, same as above, conspicuous giving a coarse finish. Cavity and basin both medium, stem 1/2" medium; calyx lobes fairly large, converging; eye medium, closed. Flesh tinged yellow, fairly fine grain, fairly tender, average juice mild subacid, rather pleasant but lack richness. Too small, unattractive and otherwise inferior to be of value. Held for few days, has grossy feel.

Second sheet, Variety:

Cathine

146

Storage notes:

7193. (J: 25-26:1)

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Mostly retained this date.

Habit of Growth: Very upright roundish (broad) flat (spreading)
Central leader: Partially retained (disappeared).

10/
31/
28

Branching:

Leaf limbs: Very (medium) long short; Very (medium) slender
(stout); Medium (straight) crooked.

Secondary limbs: (Numerous) medium few: (Medium) slender stout;
Drooping.

Twigs: (Many) medium few; Medium slender (stout); Long (medium)
short; Straight (branched) twiggy; Medium open
(dense); Willowy.

Spurs: Very (many) medium few; Very (medium) slender stout;
1/2 - (1 - 2) - 3 inch; Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open (dense stocky
grower) Top round much (broader) narrower (than tall)
See below

Illustrations:

Tree photographed

Fruit painted

Several

Fruit modeled

Fruit described

#7884-

Disease notes by J. W. Roberts:

*Fairly long annual growth and short
internodes with dense foliage produce
a tree rather striking in appearance
in comparison with most varieties.
Large number of twigs also adds to its
distinctness.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Cathline*

Orchard location: Section *6* Row *9-10* Tree *4*

Arlington Accession No. *3009* (see # *7193*, I: 25-26:1)
Don. No. 24504 also *Cathline*.

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>10/7</i>	<i>102784</i>	1927 ..		
1923 -	<i>10/20</i>	<i>104279</i>	1928 -	<i>Blossoming dates:</i>	
1924 -	<i>10/14</i>	<i>105689</i>	1929 -	<i>1924-5/1, 50% buds open. bloom next</i>	
1925 -	<i>10/1</i>	<i>106995</i>	1930	<i>1925-4/15, 50% " " ; 4/18. pet full</i>	
1926 -	—		1931		

Blossom dates: 1924

scions from
W. H. Derby 1925
Woodside, 1926
Dr. H. J. 02 1927

doubt was repeatedly expressed as to the correctness of identity - largely because of insufficient information as to what Cathline is really like. Paintings

Remarks:

rather data on file don't much help in settling the questions. This No. 3009 was received as scions from W. H. Derby, Woodside Dr. Acc. No. 7193, also Cathline, supposedly, was not assuredly the same as this variety - scions of # 7193 not now readily determinable. Because Characterization: Arlington card for it is missing from file

Size small to medium, roundish conic. Ground color yellow, nearly covered with bright red and striped. dots not numerous, whitish, inconspicuous; eye very small. Flesh tinged yellow, fairly fine grain, fairly juicy, mildly acid, pleasant, fairly good but not characteristic in any way. While fairly attractive, it is too small to be of value in the absence of outstanding points of merit. Doubt noted in 1924 as to whether it was same as # 7193. Most outstanding difference between this apple and the paintings is in the calyx tube, paintings showing long cylindrical tubes, while these fruits show practically none. (No 2nd sheet.) (over)

Photo - root system

Neg. Nos. 44707, 44708
(44707, 44708)

united states

national archives

reference department

microfilm

series

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VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Celestia

Orchard location: Section

C

Row

21-22

Tree

2

Arlington Accession No.

3042

Pom. No. 24493

Pom. No. 24443

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>9/27</i>	<i>102630</i>	:	1927 -		
1923 -	<i>9/15</i>	<i>104017</i>	:	1928 -		
1924 -	<i>10/14</i>	<i>105691</i>	:	1929 -		
1925 -	<i>9/10</i>	<i>106728</i>	:	1930		
1926 -	—	—	:	1931		

Blossom dates:

1924

7/1, 75% buds open; 5/3, full bloom

1925

4/14 - full bloom.

1926

1927

Remarks:

*Scout from Henry W. Hope
Paint, Ohio, 4/5/02*

Characterization:

to medium;

Large, roundish conic, somewhat ribbed; ground color pale yellow, slight blush on some spec (1925); rather numerous brown dots; flesh yellowish, moderately fine grain, tender, juicy, mildly subacid, good to very good.

1925. picked 9/10; held in office refrigerator-

till 10/22/25. Then, apparently good physical condition but past prime eating condition.

Flesh dry and mealy though rather rich.

~~(to over)~~

~~(no second sheet)~~

Second sheet, Variety

Cecilia (acc. No. 3042) 149
C: 21-22: 2

Storage notes:

3/4/26

(above)
Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large "average" small. —

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading).
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium (long) short; Very medium (slender)
stout; Medium straight crooked.

Secondary limbs: Numerous (medium) few: Medium (slender) stout;
Drooping.

Twigs: (Many) medium few; Medium (slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium (slender) stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

A fine strong healthy tree
Illustrations:

Tree photographed Neg. Nos. 44684 + 44685, also 44753 (roots)

Fruit painted *Several* Fruit modeled

Fruit described *Several*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

150

Variety: *Celestia*

Orchard location: Section *C* Row *15-16* Tree *4*

Arlington Accession No. *3027* (see #*3042*. C:21-12:2)
Pomology No 24473 (3027) also Celestia.

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	—	1927 ..	—	—
1923 -	<i>9/28</i>	<i>104135</i>	1928 -	—	—
1924 -	—	—	1929 -	<i>9/12</i>	<i>111170</i>
1925 -	<i>10/1</i>	<i>106996</i>	1930 -	<i>9/18</i>	<i>111652</i>
1926 -	<i>9/9</i>	<i>107910</i>	1931 -	—	—

Blossom dates: 1924 - *5/1* - full bloom - Bloom very light.

1925 - *4/14*. 90% buds open

1926 - *4/29*. 95% " "

1927

Remarks: One season view was expressed that this variety merits more attention than it is receiving. However, value probably as home apple rather than for market. Yellow color against it. Might be ok for home market. *Scions from Benj. Buckman, Farmington Ill 3/25/02*

Characterization: Good size. form variable - roundish conic, slight oblong conic, slightly oblate; surface smooth except ribbing in some spec. apex tapering something like yellow Bellflower. ground color lemon yellow, dots numerous, yellow depressed. Surface and other markings suggest Summer Extra, and yellow Bellflower as noted. Cavity medium width, quite deep, rather abrupt, usually some russeting; stem about $\frac{3}{4}$ " fairly stout; many fruits show some lifting. Basin medium width, rather shallow, wrinkled; calyx lobes converging, eye rather small, closed; flesh yellowish, fairly fine grain, tender, juicy (over)

rather sprightly subacid, fairly crisp, fairly rich - pretty good - good to very good.

9/14/26 - fruit picked 9/9; still too immature to be best eating condition. 9/23/26 Held at room temp. ground color now lemon yellow, mild subacid, sprightly, rather rich, fairly high dissident quality.

Same fruit 10/13 - fruit held meanwhile in office refrigerator. Still in pretty good physical condition. Not shriveled. While soft and tender, does not seem to have lost flavor. Juicy, mild subacid rather rich, pretty good.

Second sheet, Variety

Calistia

Storage notes:

#3027, (C: 15-16:4)

Vigor of Tree: Exceptionally strong average weak. Size:

" *good*, Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (*upright*) roundish broad flat *(slightly spreading)*.
Central leader: Partially retained disappeared.

Branches *long, slender; limbs more nearly parallel than in most varieties.*

Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping.

Twigs: (Many) medium few; Medium (*slender*) stout; (*Long*) medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many medium (*few*); Very medium (*slender*) stout;

1/2 - 1 - 2 - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

See below.

Illustrations:

Tree photographed Neg. No. 47941

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

The long slender secondary branches and twigs parallel to the limbs and absence of fruit spurs produce a tree of rather striking characteristics. (This description of tree is not now (12/20/41) too clear)

VARIETY APPLE ORCHARD
Arlington Farm

152

Variety: *Clark*

Orchard location: Section *H* Row *15-16* Tree *5*

Arlington Accession No. *6415*

Perm. No. 40633

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/6</i>	<i>102523</i>	1927 -	<i>8/24</i>	<i>109330</i>
1923 -	<i>9/16</i>	<i>104029</i>	1928 -	<i>9/8</i>	<i>110402</i>
1924 -	<i>9/7</i>	<i>105260</i>	1929 -		
1925 -			1930		
1926 -	<i>9/1</i>	<i>107846</i>	1931		

Blossom dates: 1924 - *5/2*, 75% buds open; *5/6* past full; *light bloom*.
1925 - *4/15*, 25% " " ; *4/20* past full
1926 - *4/30*, 50% " " ; *5/1* full bloom
(see over) 1927-1928- *4/26* 20% " " ; *5/1* full bloom

Remarks: 1928, blossom records relate to tree 16:5.
Scions from W.H. Irwin, 3/27/08 (15:5 had no blossoms) from his private collection (see over).
It is presumed the identity is OK but variety not known. Notes in 1926 state chances are that it is the same as Jour. of Repts No. 12561 received from Prof. Heiges, of which the name Clark was later changed to Sisson. Mr. Irwin called attention to resemblance (presumably) Characterization: (exterior) of this apple to Belmont.

Good size; roundish conic to slightly oblate conic; indistinct ribbing. Skin color yellowish green, sometimes slight blushing and a little buttermilk effect. Bots, few brownish rather conspicuous - others very minute and almost imperceptible under skin (submerged). Core medium; stem 1" slender; basin medium, calyx lobes moderately large, converging; eye closed. Flesh white, fine grain, tender, sharply acid. till very ripe (note of 1926) and then too sour for eating. (1927 note (8/20) says fully eating ripe after holding in for 2 weeks. Acidity of 1926 not in evidence. Only fair in quality - Probably picked too immature. Not much to commend it.

Pam. No. 40633 supposedly traces to
Pam. No. 11631 but this entry
records scions of Red Astrachan
from J. W. Kellum, Feltus, Del.
— a mistake somewhere!

Mr. Irwin's private collection
probably traces to Pam. No. 11633
Mr. Irwin sent scions 3/19/07 to
Arbington under Pam. No. 38017
but whether propagated or not
is not known.

Second sheet, Variety *Clark*

Storage notes: *None*

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
(medium) small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: (Partially retained) disappeared.

Branching:

Main limbs: (Very medium long) short; Very medium (slender)
stout; Medium (straight) crooked.

Secondary limbs: Numerous medium (few) Medium (slender) stout;
Drooping.

Twigs: Many medium (few) (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium (very open)
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
1/2 - (1 - 2 - 3 inch); Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium (slender ^{very} open) dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted # 68932 Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

Relative absence of secondary limbs as
well as few main limbs developed produce
an unusually open top with small bearing
surface. Root type of tree. Evidently weak crotches;
tree 15:5 badly broken to pieces. Same sort
of "canker" development is very bad on some
of limbs.

VARIETY APPLE ORCHARD
Arlington Farm

154

Variety: *Clawis* ⁽²⁾

Orchard location: Section *F* Row *21-22* Tree *4*

Arlington Accession No. *5715*
Pom. No. *Apparently not recorded*

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/25</i>	<i>102618</i>	1927 -	<i>9/26*</i>	<i>109469</i>
1923 -	<i>10/4</i>	<i>104161</i>	1928 -	<i>10/10</i>	<i>{ 110677</i> <i>110692</i>
1924 -	<i>10/4</i>	—	1929 -	<i>9/24</i>	<i>111246</i>
1925 -	<i>9/25</i>	<i>106955</i>	1930 -	<i>9/8</i>	<i>111653</i>
1926 -	<i>{ 9/24</i> <i>10/1</i>	<i>{ 108185</i> <i>108186</i>	1931 -	<i>10/6</i>	<i>{ 112321</i> <i>112322</i> <i>112324</i>

Blossom dates: 1924 - *5/2*. 75% buds open; *5/6*. full bloom.
1925 - *4/15*. 50% " " ; *4/20*. past full bloom
1926 - *4/30*. 40% " " (*small, peculiar twisted petals*)
1927 -

Remarks: * Picking date not given but fruit examined *9/26/27*

@ From Oregon. Name *Clawis* is derived from *Clark* and *Lewis*.

Scions received *2/21/06* from C. W. Swallow, Oregon City, Ore.

Characterization: Size above medium, roundish, sometimes slightly oblate, conic - slightly; halves often a little unequal. Ground color yellow, usually all-over spread of deep dark red with heavy purplish bloom - very attractive; sometimes indistinct striping; stems many, small, yellowish, depressed, rather conspicuous, brown. Color on dark red. Core medium, stem *1/2* - *1*", slender; Basin medium, calyx lobes medium long, converging, eye medium size, usually closed. Flesh yellowish, firm, crisp, considerable body or substance to it, fairly fine grain; at its best, quite juicy, mildly acid, fairly rich, at least good. However, flavor and juiciness vary widely with degree of maturity and storage conditions (see storage notes) (over)

Fruit picked 9/25/25 - was noted as $\frac{10}{25}$ as being
too immature for texture and quality readings.
1926 - Fruit picked $\frac{10}{11}$ was too immature
immature $\frac{10}{5}$ for fuel observations.

Storage notes: Crop 1926. Picked 10/1. Probably in cold storage till Jan 31/27. From that date till 2/24/27, in office refrigerator. Excellent physical condition then; no shriveling; fairly firm, breaking, but juice somewhat lacking. May be a little past prime.

1927 Crop. Out of storage 11/28/27. Exam. 12/10/27. Still very firm and hard to touch but are cutting. Flavor and condition of maturity in evidence; fairly fine grain, tender, very mild subacid but rather flat and disappointingly lacking in quality; lacking in richness. Jan. 19/28. Spec. held in office refrigerator since Dec. 8.

Vigor of Tree: Exceptionally strong average weak. Size: (See below)
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping.

Twigs: Many medium few; Medium slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;

1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 49013

Fruit painted

Several

Fruit modeled

Fruit described

#40457

at this date (1/19) spec. shriveled slightly; otherwise excellent physical condition. "Only

Disease notes by J. W. Roberts:

fairly rich, good in quality. Evidently the flavor is deteriorating slightly. [no explanation for difference in quality appraised on Dec 12/27 and 1/19/28]

On Feb. 8/28 last spec of the 1927 crop. held in office refrigerator for 2 months or more was examined.

Report: "Excellent condition except somewhat shriveled. *** juicy, mild subacid, still fairly rich and better than good." (over)

The quality seemed to improve with passing of time. Seems likely that picked at proper time and properly handled this would be a good storage apple though perhaps acidity would too largely disappear.

Crop 2 1928. Picked $\frac{10}{10}$; stored $\frac{10}{18}$.

Out $\frac{7}{4/29}$ again $\frac{7}{9/29}$. Apparently in excellent condition. Firm and solid. Flavor is less characteristic and less pronounced and apple is less pleasing than it was when it first came out of storage $\frac{7}{4}$ - the 5 days at room temperature being an adverse condition.

Other spec. stored $\frac{10}{18/28}$ - out $\frac{7}{13/29}$ again. $\frac{7}{21/29}$. At room temp. 2 days; rest of time between $\frac{7}{15}$ & $\frac{7}{21}$ in office refrigerator. Except for slight shriveling, in excellent physical condition. Most of specimens show no rotting. Moderately juicy, mild subacid, fairly rich; pleasant; good. Question in the $\frac{7}{21/29}$ note as to whether quality would not have improved if fruit had remained continuously in cold storage for another month or more.

Probably a pretty good apple!

1921 - Aug. 10. Dr. Roberts reported cedar rust as occurring on fruit ^{reference to No. 1000} to this disease.

VARIETY APPLE ORCHARD
Arlington Farm

156

Variety:

Clayton

Orchard location: Section

E

Row

5-6

Tree 5

Arlington Accession No.

4198

Pom. No. — ?

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	9/23	102556	:	1927 ..		
1923 -	9/3	103921	:	1928 -		
1924 -	10/11	105620	:	1929 -		
1925 -	—	—	:	1930		
1926 -	9/17	108187	:	1931		

Blossom dates:

1924 -

4/28, first bloom; 5/2, full bloom

Seasons recorded

from Keno Agr.

Coll. Manhattan,

1925 -

4/14, full bloom

Ks. 7/14/03

1926 -

4/30, " "

1927

Remarks:

From references in notes it seems evident that most of the lots were picked too early, even in 1924, when picked 2 to 3 weeks or more later than in other years the report reads: "Too immature now [19/16] to determine quality"

Characterization:

Size, medium or above; somewhat oblate. Ground color, grayish, partially overspread with wash of dark red, but with green under color showing through, there is produced a dull grayish unattractive finish. Sometimes some stripes - some buttermilk overspread. Some seasons much leather cracking and raised dots that produce rough finish. Some seasons a smooth surface with partial overspread of heavy bright red making an attractive finish. Apparently finish is quite susceptible to seasonal conditions.

Calyx tube is a large open cylinder extending nearly or quite to the core, suggestive of Huntington in this respect. Flesh tinged yellow, fine grain (over)

firm, breaking, moderately juicy;
in flesh character and quality, same;
what suggestive of York Imperial.

Second sheet, Variety *Clayton*

Storage notes: Cwp 1926. Picked 9/17; stored 9/27.
out 1/3/27; in office refrigerator till
opened 1/26/27. Most specimens have kept
well so far as shriveling is concerned; some
specimens show brown spots in flesh -
presumably one of pit diseases. Apparently fruit
was returned to office refrigerator 3/1/27 and held
there until 7/24/27. At that time fruit had wilted
somewhat. It was then lacking in juice, mildly
subacid. No characteristic flavor - only fairly good -
outstanding feature was firm, breaking texture (which does not seem
Vigor of Tree: Exceptionally strong (average) weak. Size: consistent with
Exceptionally large (average) small. (wilted condition)

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading).
Central leader: Partially retained (disappeared).

126/28

Branching:
Main limbs: Very medium long short; Very medium slender
(stout); Medium straight (crooked)
Secondary limbs: Numerous medium few; Medium slender stout;
(Drooping)
Twigs: (Many) medium few; Medium slender (stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.
Spurs: Very many (medium) few; Very medium slender (stout);
1/2 - (1 - 2 - 3 inch); Mostly branched (unbranched)
Spur twigs: Few (medium) many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Irregular, crooked, drooping limbs - Poor type of tree.

Illustrations:
Tree photographed Neg. No. 47981

Fruit painted *Several* Fruit modeled
Fruit described *Several*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Cleaver Red - *Cleaver Red is name recorded for #46575*

Orchard location: Section

J

Row

17-18

Tree

5

Arlington Accession No. *8208*

Don. No. 46575

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102580</i>	1927 -	<i>9/19</i>	<i>109470</i>
1923 -	<i>9/21</i>	<i>104052</i>	1928 -	<i>9/27</i>	<i>110533</i>
1924 -	<i>9/7</i>	<i>105271</i>	1929 -		
1925 -	<i>9/1</i>	<i>106685</i>	1930		
1926 -	<i>9/24</i>	<i>108188</i>	1931		

Blossom dates: 1924 - *5/2* . 60% buds open; *5/6* . past full; light bloom.
1925 - *4/15* . 20% " ; *4/26* . full bloom.
1926 - *5/3* . full bloom

1927 - *4/16* . 20% buds open

Remarks:

1928 - *4/26* . first bloom; *5/2* . 75% buds open.

See Jour. of Receipts No. 45550 for full description of variety.
Scions received from A. B. Ross, Schellsburg Pa, *4/2/10*

Characterization: *Size medium (but variable), somewhat oblate; halves sometimes unequal; ground color yellowish partially overspread with bright red - reds rather numerous - variable - sometimes rather conspicuous raised, making surface rough and unattractive; sometimes small and inconspicuous except on bright red skin; cavity rather deep, broad, rounded; stem 5/8". Basin deep, rather broad, abrupt, calyx lobes converging, eye closed. Flesh yellowish, satiny, fine grain, considerable body to flesh, normal juice or less, mildly acid, otherwise lacking in characteristic flavor. Quality fair to good (at its best). Unless fully mature it is poor. Season early Oct. (see storage notes)*

Storage notes: 1928 crop. Stored Oct 10; ant Nov. 15,
Exam. Nov. 22.

Rather lacking in juice, very mild subacid,
lacking in richness but fairly pleasant.

"Fair to good" in quality - This is a
higher rating than given same seasons
at time fruit was examined after picking.

Vigor of Tree: Exceptionally strong average weak. Size:

Exceptionally large average small.

The roots appear to have a great

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

due to crown gall, or woolly aphids.

Habit of Growth: Very upright roundish broad flat spreading.

Central leader: Partially retained disappeared.

Branching: Tree is poor, small and weak. If this is
the real character of the tree, it is worthless.

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;

Drooping. If due to roots, they appear

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open

dense; Willowy. to be very susceptible to

Spurs: Very many medium few; Very medium slender stout;

1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

whatever is affecting them.

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Soil where trees stand is poor and

Illustrations: thin. This may have same.
Tree photographed thing to do with their condition.

Fruit painted None

Fruit modeled

Fruit described # 45550

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

160

Variety: Cliff (Cliff's Seedling)

Orchard location: Section F Row 9-10 Tree 3

Arlington Accession No. 4357
Pom. No. 28452 S.P.S. 6736.

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	—	1927 -	—	—
1923 -	9/16	104048	1928 -	9/28	110428
1924 -	—	—	1929 -	—	—
1925 -	9/5	106729	1930	—	—
1926 -	see below. Remarks:		1931	—	—

Blossom dates: 1924 - 5/1, full bloom; very light bloom.
1925 - 4/15, 90% buds open; 4/30, part full
1926 - 4/30, full bloom.
1927 -

Remarks: This is S.P.S. No. 6736. Pom. No. 28452
Receivd as Cliff's Seedling (see over)
1926. Picking was overlooked till November. Then
nothing remained but partially decayed fruits under
trees. Apparently developed well with indications
of its usual firmness of texture and richness of flavor.
This apple apparently should have been given
more attention than it received.

Characterization:

Good size, fairly regular;
roundish to slightly elongated, sometimes slightly conic;
ground color rich yellow, mostly overcast with
thin red and darker stripes of red (attractive). Stems rather
few, raised, brownish, rather conspicuous.
Cavity medium, stem 3/8" slender; basin rather shallow,
broad; calyx lobes fairly large, converging, but eye
mostly open, large; flesh yellowish, fine grained,
tender, juicy, slightly subacid, fairly rich,
good to very good in quality.
For its season - mid. Sept. - this apple
has merit, apparently. Should have been followed up.
(over) (No second sheet.)

Several paintings.

No description.

These trees were propagated from
seeds taken from a nursery
on the "Flats" where Cliff
seedling was Pam. No. 21708
H.P. 6736.

VARIETY APPLE ORCHARD
Arlington Farm

161

Variety: *Cloth of Gold*

Orchard location: Section *I* Row *3-4* Tree *5*

Arlington Accession No. *6609*. Pom. No. *40843* (scions)
Pom. No. *40843*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>8/14</i>	<i>102773</i>	:	1927 -	—	—
1923 -	<i>8/23</i>	<i>103856</i>	:	1928 -	<i>8/22</i>	<i>110312</i>
1924 -	<i>9/7</i>	<i>105262</i>	:	1929 -	<i>8/7</i>	<i>111058</i>
1925 -	<i>8/17</i>	<i>106586</i>	:	1930 -	<i>8/14</i>	<i>111515</i>
1926 -	<i>8/21</i>	<i>107847</i>	:	1931 -	<i>8/13</i>	<i>112273</i>

Blossom dates: 1924 - *5/2*, 40% buds open; *5/6*, full bloom but still few buds.
1925 - *4/15*, 50% " " ; *4/20*, past full
1926 - *5/1*, 90% " "
1927 - *4/16*, 25% " "
1928 - *4/26*, first bloom; *5/1*, 40% buds open.

Remarks:

scions received *4/18/08* from *J. M. Ramaley*
Greensburg, Pa.

Characterization: *Large, roundedish cone to somewhat oblate, irregular, ribbed. Skin yellow, sometimes a light overcoat of buttermilk, dots variable from minute, whitish, inconspicuous to medium size, brownish, and moderately numerous. Core rather deep and broad, sometimes abrupt; stem 3/4" rather slender; some succulent in core. Basin rather small; calyx lobes medium, converging; eye rather small, closed. Flesh tinged yellow, fairly fine grain, slightly breaking, quite juicy, mild subacid, pleasant. While not rich, it is rather pleasant; probably rating good when at its best.*

Second sheet, Variety

Cloth of Gold

102

Storage notes:



Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally (large) average small.

Foliage: Very abundant normal scanty. Leaves: Very large
60% *this date* medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat (spreading).
Central leader: Partially retained (disappeared).

11/9/28

Branching:

Main limbs: Very (medium) long short; Very medium slender
(stout) Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; (Medium) open
(dense) Willowy.

Spurs: Very many (medium) few; Very medium slender (stout)
(1/2 - 1 - 2 - 3 inch) Mostly branched (unbranched);

Spur twigs: (Few) medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium slender open dense stocky
grower); Top (round) much broader narrower than tall)

Illustrations:

Tree photographed

(slightly large bearing surface good shape tree)

Fruit painted *# 05-262 & one other - no.?* Fruit modeled

Fruit described *none*

Disease notes by J. W. Roberts:

Variety apple Orchard
Arlington Farm.

163

Variety: Codorus.

Location: Section G. Row 15-16. Tree 5

Acc. No. 6340

~~Form. No.~~

There was confusion, apparently throughout the 5 years record of fruit from these trees and accession number as to its identity. In 1922, specimens were

labeled Summer Rambo. I noted on the card accompanying the specimens:

"Not correct. Maybe Hawley". In 1923, specimens again marked Summer Rambo, as they also were in 1924, each time the notation being made in substance that the apple was not that variety. 1924: it was added to "Gosh - slightly striped".

In 1925 specimens from the same tree were marked Codorus, and in 1926 they were labeled Hawley.

Since Acc. No. 6340, in the Arlington Records is Codorus, it seems apparent that these records were not consulted when any of the lots were being examined.

The painting on file of Codorus is, an apple something like Hawley in appearance; in 1924 reference was made at time of examination to its being of Summer Rambo type.

Since Acc. No. 6340 is Codorus according to the records, it may perhaps be reasonable to assume that to be correct. The following notes are formulated on that assumption. (over)

There is no way of accounting, now (12/28/41)
for the specimens - and presumably
the label on the trees - being designated
as Summer Rambo, since neither
the acc. no. or the orchard location
were of that variety. Nor is it
apparent why in 1925 (and that year
only) the specimens were labeled
Codorus, and the next year
Hawley. Perhaps in 1925 Mr. Brink
may have referred to the Arlington
Accession list and there found
that no 6340 should be Codorus.
The 1928 ^{orchard} note book - still listing
this acc. no. and location as Summer
Rambo, bears a pencil note in
my hand writing that Hawley was
on the true label.

I fall back on the presumption
that the variety probably is
correctly Codorus, of which I find
no description
anywhere.

RS

P. Original Jaur. record should
be looked up.

VARIETY APPLE ORCHARD
Arlington Farm

164

Variety: *Codorus*

Orchard location: Section *5* Row *15-16* Tree *5*

Arlington Accession No. *6340*

Pom. No. 40520

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/14</i>	<i>102259</i>	1927 -	---	---
1923 -	<i>8/20</i>	<i>103837</i>	1928 -	<i>8/22</i>	<i>110313</i>
1924 -	<i>8/29</i>	<i>105200</i>	1929 -		
	<i>10-5</i>	<i>105201</i>			
1925 -	<i>8-20</i>	<i>106625</i>	1930		
1926 -	<i>8/27</i>	<i>107858</i>	1931		

Blossom dates: *1924 - 4/30 - part full bloom*

1925 - 4/18, first bloom; 4/25, 50% buds open
1926 - 5/1, part full.

1927 -

Remarks:

The scions from which this variety was propagated were received March 13⁽³⁾, 1908 and entered in the Pom. Jour. of Receipts as No. 40520 - which should be looked up.

Characterization:

for further information. (see over)

Size - medium or above, ribbed somewhat, rounded conic to slightly oblate conic; ground color greenish yellow to yellow, probably depending on degree of maturity; sometimes pinkish overspread about base, sometimes a few red stripes. Dots variable, minute, rather numerous, quite conspicuous. sometimes take form of minute rust spots. Flesh yellow, fairly fine grain, moderately tender, lacking in juice; nearly if not quite sweet (one season stated definitely to be sweet), not very rich; of no apparent value as grown at Arlington.

No information recorded under
Pam. No. 40520 except that seeds
were received 3-13-08 from
private collection of W. H. Irwin
at Lehigh Ave.

Storage notes:

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large average (small).

Foliage: Very abundant normal scanty. Leaves: Very large
(medium) small; Color: (Light) dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very medium long (short) Very (medium slender
stout); Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping. well branched

Twigs: Many (medium few) (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; (enough but rather scattered)
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
same as
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

A dwarfish open type with rather stubby twigs.

Illustrations:

Tree photographed

Fruit painted #10073

Fruit modeled

Fruit described none

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Collins (Champion of the Starks)*

Orchard location: Section *D* Row *5-6* Tree *3*

Arlington Accession No. *3068* . *Pan* No. *24541*

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/30</i>	<i>102754</i>	1927 -	<i>9/26</i>	<i>109511</i>
1923 -	<i>10/26</i>	<i>104324</i>	1928 -		
1924 -	<i>10/28</i>	<i>105967</i>	1929 -		
1925 -	<i>10/7</i>	<i>106998</i>	1930		
1926 -	<i>10/13</i>	<i>108300</i>	1931		

Blossom dates: 1924 - *4/28, first bloom*
1925 - *4/14, 50% buds open; 4/18, 90% buds open.*
1926 - *4/30, 75% " "*

1927 *Scions from Stark Bros. Pomona, Mo. 1902*

Remarks: *acc. No. 1818; location A: 9-10:2*
is also Collins. But 2 years notes (1923+1925)
on fruit from these trees are on file. Since
they add nothing of importance to the records
of No. 3068 they are not of importance
in the present connection. Scions from Stark Bros
Characterization: *Pomona No. 4/3/02*

Medium size ranging in 1926 from 2 5/8" to 2 3/4"
in diameter. In other years, both larger & smaller
on average. Typically somewhat oblate conic
but some times more nearly round. Usually smooth
except indistinct ribbing and polished surface.
(see over) In 1925, the fruit was exceptionally large for the*
variety but surface was rough and pimply.
Ground color yellow, nearly completely overspread
with a wash of solid bright red and indistinct
striping. Stems numerous, small, pale yellow,
inconspicuous; flesh yellowish, quite satiny,
fine grain, hard, moderately juicy, rather sharply acid,
(over)

Lacks richness; distinctly poorer in
quality. (I have commonly considered
it definitely poorer in quality than
Ben Davis). At its best it is as attractive
in appearance as is Ben Davis at
its best.

* see other side.

In notes for 1 or 2 seasons, a
bullerian overcast (grayish overcast),
not usually characteristic of this
variety, was mentioned.

acc. No. 1818. Don. No. 24236 - Scans
from N. Y. Sta. 1902

Second sheet, Variety. *Collins*.

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Storage notes: 1926 Cof. stored Oct. 26. out
of storage 3/8/27. Exam. 3/16/27. In
office refrigerator meanwhile. Spec. have
kept well so far as appearance is concerned.
Some spec. show a little internal breakdown
apparently from age. Besides it ordinary
very poor quality it possesses an unpleasant
flavor not previously detected in any apple. Whether
characteristic of the variety as it approaches storage
limit or absorbed is uncertain. Not detected in
any other variety. (over)

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average (small).

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained (disappeared)

11/10/28

Branching:

Main limbs: Very medium long short; Very (medium) slender
(stout); Medium straight crooked.

Secondary limbs: Numerous medium few: Medium (slender) stout;
Drooping.

Twigs: Many (medium) few; (Medium slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium few) Very medium slender stout;
1/2 - (1 - 2 - 3 inch); Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

A small poor tree, unsymmetrical. Trunks, near ground
Illustrations: Look as if injured in some way long ago. Stand
Tree photographed Neg. No. 47967 out slope where soil
also A: 9-10:1 Neg. Nos 44744 + 44745 is poor.

Fruit painted several Fruit modeled

Fruit described several

Disease notes by J. W. Roberts:

a little better not mentioned
in tree notes 11/10/28

Storage - continued

1927 crop. out of storage 1/5/28.

Eyam. 1/9/28. In apparent good physical condition but slight suggestion of break down at the core in some specimens.

Rather cocking in price. now mild seabed. rather flat. distinctly poor quality.

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Colorado Orange

Orchard location: Section

7

Row

17

Tree

5

Arlington Accession No.

4386

Sam. No. 28503

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	9/28	102642	1927 -		
1923 -	10/4	104176	1928 -		
1924 -			1929 -		
1925 -			1930		
1926 -			1931		

Blossom dates:

1924

5/6 - a few bud clusters only - buds just begin to separate.

1925

7/15, dormant still - same 4/20

1926

1927

Remarks:

7:18:5 supposed also to be Colorado Orange but is a small yellow-sweet tough fleshed apple of no value. Not this variety. Scions from B.J. Rockefeller Canon City, Colo. 4/1/23 (over)

Characterization:

data lacking. In 1923 it was noted that the tree (7:18:5) was nearly dead; also that the fruit, though not much like the paintings of Colorado Orange in file, were likely that variety.

No 2 & sheet.

(over)

3/26 - tree below medium, poor;
a bad catch. May have
crown fall. - / upright
spreading; branching
normal. Limbs tend to
be long and slender.
Not much long growth.
spurs well back on limbs.
Open top.

Several paintings
" descriptions

This variety - originated with
Jesse Traier in his orchard
at Florence Colo. Mr. Rockefeller's
trees were from the original
stock.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Colton*

Orchard location: Section *A* Row *9-10* Tree *3*

Arlington Accession No. *1819*

Don. No. 24239

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>7/10</i>	<i>101538</i>	:	1927 -		
1923 -	<i>7/10</i>	<i>103344</i>	:	1928 -		
1924 -	<i>7/23</i>	<i>105033</i>	:	1929 -		
1925 -			:	1930		
1926 -			:	1931		

Blossom dates: 1924 - *4/26 50% buds open; 4/29 full bloom*
1925 - *no bloom*
1926 - *4/28 past full bloom*
1927 -

Remarks: *scions from N. Y. Expt. Sta. 1902*
no other data recorded.

Each of above 3 seasons correctness of identification was confirmed.

Characterization:

Several paintings
prescriptions: 8994-9111

no 2-2 sheet

UNITED STATES DEPARTMENT OF AGRICULTURE BUREAU OF PLANT INDUSTRY

Statement of the Receipts and Disbursements of the Bureau of Plant Industry for the year ending June 30, 1907.

Item	Amount	Total
Salaries	10,000.00	10,000.00
Travel	5,000.00	15,000.00
Postage	1,000.00	16,000.00
Printing	2,000.00	18,000.00
Telephone	500.00	18,500.00
Light and Heat	1,500.00	20,000.00
Repairs	1,000.00	21,000.00
Supplies	1,500.00	22,500.00
Interest	500.00	23,000.00
Other	1,000.00	24,000.00
Total	24,000.00	24,000.00

Approved: _____
 Special Agent in Charge

Witness my hand and the seal of the Department of Agriculture at Washington, D.C., this _____ day of _____, 1907.

 Secretary

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Colvert*

Orchard location: Section *A* Row *11-12* Tree *1*

Arlington Accession No. *1822*
Pom. No. 24240

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/11</i>	<i>102255</i>	1927 -	<i>8/18</i>	<i>109331</i>
1923 -	<i>9/16</i>	<i>104043</i>	1928 -		
1924 -	<i>9/15</i>	<i>105366</i>	1929 -		
1925 -	—	—	1930		
1926 -	<i>8/26</i>	<i>107848</i>	1931		

Blossom dates: 1924 - *4/29, first bloom*
1925 - *4/16, 40% buds open; 4/22, full bloom*
1926 - *4/27, first bloom*
1927 - *scions received from N.Y. Sta 1902*

Remarks: *No notes first 3 years of record - merely okd.*
1926, fairly full characterization - see below.
Noted that in form and many other respects this
appears resembles White Doctor, acc No. 1857
A:23-24:3. The 2 lots, side by side would be
difficult to separate merely on appearance.
Characterization: *Colvert is a little more mature than*
White Doctor. Scions of Colvert from Geneva.
see Apples of New York Vol 2.

Good size, somewhat oblate, slightly conic, smooth,
regular, nearly uniform; Ground color yellowish-
green, mostly self-colored but some specimens show
very slight thin red overspread, and very indistinct
striping; a little bronzing in some spec. Dots
rather numerous about apex, less so about base, mostly
white and very inconspicuous, a few small, brown dots.
Some russeting in cavity. Flesh faintly tinged yellow,
grain rather coarse, quite tender, pink, fairly acid
but rather pleasant for an apple as such as it is.
Probably would cook well but not better than fair to good
in quality.

Storage notes:

Vigor of Tree: Exceptionally strong average weak. Size:

" *fair*. Exceptionally large average (small)

Foliage: Very abundant normal scanty. Leaves: Very large

" *good, healthy*, medium ~~small~~; Color: Light dark normal.

8/11/26

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained disappeared.Branching: *well branched - both main and secondary.*Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.Spurs: Very (many) medium few; Very medium slender (stout)
1/2 - (1 - 2 - 3 inch) Mostly branched unbranched;Spur twigs: Few medium many; Terminal bearing mostly
considerable slight noneGeneral aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted [#]34032 & 34042 Fruit modeledFruit described [#]3839-34042~~Disease notes by J. W. Roberts:~~

Foliage is very healthy. Probably there is crown gall at base of tree. This, and location of tree in a bare knoll probably account for small size. In good soil, likely it would be a good strong growing healthy tree.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Connett Sweet*

Orchard location: Section *K* Row *23-24* Tree *4*

Arlington Accession No. *10876*

Don. No. 50536

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	—	1927 -	<i>8/10</i>	<i>109265</i>
1923 -	<i>9/5</i>	<i>103889</i>	1928 -		
1924 -	<i>9/10</i>	<i>105412</i>	1929 -		
1925 -	<i>9/21</i>	<i>106842</i>	1930		
1926 -	<i>8/27</i>	<i>107753</i>	1931		

Blossom dates: 1924

1925

1926

1927

no record.

see over for source

Remarks: *1925 - noted that scions to which the Arlington trees probably trace were recorded as four. No. 50,536 with a question mark following the entry. While this is a sweet variety, there is an implied question as to whether the variety is in fact Connett Sweet. Identity of that variety is somewhat in doubt. In 1924 it was recorded that this apple would doubtless appeal fairly*

Characterization:

strongly to one kind of sweet apples (see over)

Size medium to large, oblate conic, regular, sometimes ribbed. Ground color yellow, well overspread with bright red and indistinct stripes; light whitish bloom. Data same seasons (1925) are raised pimples similar to Twenty ounce but in 1926 it was observed that "pimples" would pass unnoticed were it not for the 1925 notes. Cavity & basin both deep and broad. Flesh tinged yellow distinctly setiny, grain rather coarse, considerably hard to flesh, at all times in juice, fairly rich, very sweet when well developed and fully mature. (no 2d sheet)

In 1925 it was compared with Sprydale
in general appearance, including ribbing
Mention made of pimple surface similar
to 20.03. In 1926 there was apparently
an absence of ribbing and pimple
dots not in evidence

Apparently in 1927 conditions were
unfavorable for this variety since
it was noted as below medium in
size, ^{flesh} a little tough, quite sweet
but rather flat and "difficult to see
any place for it". It was rather firm
on Aug. 17 when examined. Possibly
(probably was) it was then not fully
mature.

No painting
no description

Source.

Penn. No. 50536. Scions received
4/13/11 of Cornett Sweet? from

A. J. Otto, Esterburg, Pa.

The entry carries the
question mark after name.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: Cornell (Cornell Fancy) *Tree originally labeled Brooke (striped) (see below)**

Orchard location: Section 5 Row 4 Tree 1

Arlington Accession No. 6299 *(see #6305, 5:3-4:4) also Cornell*
Pam. No. 39103

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	7/7	102235	1927 -	8/15	109266
1923 -	—	—	1928 -	8/14	110247
1924 -	8/29	105186	1929 -		
1925 -	—	—	1930		
1926 -	8/27	107754	1931		

Blossom dates: 1924 - 5/2, 20% buds open; 5/6, full bloom. Very light bloom.
1925 - 4/30, full bloom - few clusters only on tree.
1926 - 4/30, first "
1927-1928 - 4/25, buds show pink; 5/1, 35% buds open.

Remarks: * Acc. No. 6299, according to records should be Brooke (striped). Pam. No. 39103 scions from Mr. Irwin. 3/10/08. Several paintings this variety on file from Montgomery Co. Md. and other nearby sources. The 1922 card was labeled "not correct". The 1924 card (none in 1923) bore Mr. Brunk's query: "Is it this and Cornell Fancy alike. I noted on card."

Characterization: 1926 notes: "Undoubtedly is Cornell." Subsequently it was so regarded without question.

Above medium, approaching good size; fairly regular and smooth, some specimens indistinctly ribbed. Form variable from roundish conic to quite distinctly oblong conic, with apical half tapering rather sharply. Ground color yellow, nearly covered with bright red overspread and well defined red stripes in majority of specimens. A little bluish over the red; dots scattered, whitish, not conspicuous. Flesh yellowish, a little coarse, tender, quite juicy, mildly acid, with no distinguishing flavor, though rather pleasant. Fair to good in quality. In the elongated fruits the carpels (over)

are quite large and elongated, rather more
so than in the more nearly round fruit.
Core formation is closed or nearly so.
This is in contrast to Chenango
(rather easily confused with Cornell) which
I believe has an open core formation.

Jane Aubrey #39103 gives (9/20/07) fruit and
shoots from. Benj. D. Aubrey, Rockville, Md.
Whether propagation of trees planted at
Arlington were propagated from
these "shoots" or a later lot of scions
is not clear since the acc cards
shows scions from Mr. Irwin
3/10/08 but in any event the original
entry no. 39103 appears to have
been continued for the Arlington
trees.

Second sheet, Variety

Cornell Fancy

174

Storage notes:

acc. No. 6299. S:4:1

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
medium small; Color: Light (dark) normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially (retained) disappeared.

Branching: *well branched - smooth*
Main limbs: Very medium long short; Very medium (slender)
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout;
1/2 - (1 - 2 - 3-4 inch) Mostly branched (unbranched)
Spur twigs: Few medium (many) Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

An excellent tree - well branched - large bearing surface.
Illustrations:
Tree photographed

Fruit painted *several* Fruit modeled

Fruit described *several*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

175

Variety: Cornell (Cornell fancy)

Orchard location: Section G Row 3-4 Tree 4

Arlington Accession No. 6305 (see #6299, S:4:1)
Pom. No. 40435 also Cornell, though #6299 is

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number	Recorded as Brooke striped.
1922 -	8/3	102224	1927 -	8/8	109267	
1923 -	8/20	103832	1928 -			
1924 -	8/29	105197	1929 -			
1925 -	—	—	1930			
1926 -	8/27	107755	1931			

Blossom dates: 1924 - 5/6, full bloom - light bloom.
Scions from Mr. Irwin 1925 - 4/15, 20% buds open; 4/20, 50% buds open
3/10/08, 1926 - 4/30, center buds open
Sent by A. L. 1927 - 5/7, still a few petals remain.
Stabler, Brighton 1928 - 4/24, buds show pink. 5/1, 35% buds open
Md. 2/29/08
Remarks:

But few notes made on these specimens. Several references are made to fruit and notes on this variety at S:4:1. This tree apparently rather habitually produced the better fruit. For instance Aug. 27/27

Characterization: it was noted that spec. from S:3-4:4 were inferior in size, finish, and appearance to that from S:4:1.

Noted Aug. 17, 1928 that all specimens from S:3-4:4 were of the roundish or roundish conic form - none of the elongated type appearing. These spec had: Cavity medium, stem about 3/8" medium. Basin medium; calyx lobes rather long, converging; points reflexed; eye closed. A little buttermilk overspread.

Second sheet, Variety

Cornell

176

Storage notes:

acc no. 6305. 5:3-4:4

Vigor of Tree: Exceptionally strong average weak. Size:
" *good* Exceptionally large *(better than average)* small.

Foliage: Very (abundant) normal scanty. Leaves: Very large
(medium) small; Color: Light (dark) normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: (Partially) retained (disappeared)

9/20/28

Branching: *strong clean, well branched*
Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
" " *good* Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

A fine strong tree, well branched, large bearing surface.
Illustrations: *but open enough to let sun in to every*
Tree photographed Neg. Nos. 47797 + 49685 *part.*

Fruit painted *several* Fruit modeled

Fruit described *several*

Disease notes by J. W. Roberts:

9/20/28. same leaf spot

VARIETY APPLE ORCHARD
Arlington Farm

177

Variety: *Cotter*

Orchard location: Section *5* Row *3-4* Tree *3*

Arlington Accession No. *6302*

Pom. No. 40372

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102610</i>	1927 -	<i>9/22</i>	<i>109471</i>
1923 -	<i>10/9</i>	<i>104132</i>	1928 -	<i>9/28</i>	<i>110534</i>
1924 -	<i>10/4</i>	—	1929 -		
1925 -	<i>10/8</i>	<i>107092</i>	1930		
1926 -	—	—	1931		

Blossom dates: 1924 - *5/6* full bloom - bloom very light.
serious from
V. A. Matthews, 1925 - *4/15* 25% buds open; *4/20* part full.
Cotter, Ark
2-11-08 1926 - Trees very poor - no bloom
1927 - *4/26* first bloom; *5/1* 30% buds open.

Remarks: This apple was first observed (so far as the dept was concerned) by Mr. Irwin in an apple exhibit from Cotter, Ark. at the St Louis Exposition in 1904(?). It was probably the next season that I went to Cotter, located the man who had assembled the exhibit of apples from that locality, and with his help found trees of this or very closely similar varieties in several places.

Characterization:

Size variable but in general above medium to fairly large.

Roundish conic to slightly oblate conic, sometimes slightly ribbed, sometimes halves unequal; ground color yellow when fully ripe, well overspread with rather thin wash of bright red, indistinct striping; many seasons not well colored. dots many, brownish, some raised, some areolar, not conspicuous. Cavity fairly deep, medium width; stem $\frac{1}{2}$ " slender to fairly stout. Basin medium, calyx lobes rather long, converging; eye medium size, usually closed, sometimes partially open (over)

Flesh tinged yellow, fairly fine grain,
tender, fairly juicy, mildly acid, rather
flat, lacks richness; fair in quality.
Not much but size and appearance
to commend it; that is, not sufficiently
high in quality to be worth much
except for show purposes.

apples from storage examined
"22/28" were noted as then being in
prime condition for eating.

Storage notes:

1927 Crop. Out of storage 7/8/28
 again. 13/10/28. Spec. have kept in good
 condition so far as appearance and firmness
 to touch are concerned. The quality is
 not above fair - very mildly acid with a
 "washed out" flavor not very pleasing.
 1928 Crop. Stored Oct. 2; out Nov. 15. Again Nov. 22.
 Apparently had held up OK. "Prime eating condition"
 (now!)

Vigor of Tree: Exceptionally strong average (weak) Size:
 Exceptionally large average (small)

Foliage: Very (abundant) normal scanty. Leaves: Very (large)
 medium small; Color: Light dark normal. (Clean)

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared)

9/18/28

Branching:

Main limbs: Very medium long (short) Very medium slender
 (stout) Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
 Drooping.

Twigs: Many medium few; (Medium slender stout) Long medium
Vigorous short; Straight branched twiggy; Medium open
 dense; Willowy.

Spurs: Very (many) medium few; Very (medium slender stout);
 1/2 - (1 - 2) - 3 inch; Mostly branched unbranched;
 Spur twigs: Few medium many; Terminal bearing mostly
 considerable slight none

General aspect of tree: Medium slender open dense stocky
 grower; Top round much broader narrower than tall.

Tree row 4 too small and decrepit to consider. (see below)

Illustrations:

Tree photographed

Fruit painted

Several

Fruit modeled

Fruit described

None

Disease notes by J. W. Roberts:

Tree notes unless otherwise stated apply to tree row 3.
 1928 growth, as for 2 or 3 years previous is strong and
 vigorous - but short and stubby. Main limbs covered
 with burr knots. Several dead branches including
 one main limb; apparently also some other
 bark diseases. #4 has a hollow trunk.

VARIETY APPLE ORCHARD
Arlington Farm

179

Variety:

Covert

Orchard location: Section *G* Row *3-4* Tree *2*

Arlington Accession No. *6300*

Penn. No. 39282

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/28</i>	<i>102639</i>	1927 -	<i>9/13</i>	<i>109397</i>
1923 -	<i>see below *</i>		1928 -		
1924 -	<i>10/4</i>	<i>105628</i>	1929 -		
1925 -	<i>9/16</i>	<i>106814</i>	1930		
1926 -	<i>{ 9/24</i>	<i>108189</i>	1931		
	<i>{ 10/4</i>	<i>108190</i>			

Blossom dates: 1924 - *5/2, full bloom*
 1925 - *4/15, 75% buds open; 4/20, past full.*
 1926 - *4/30, 90% buds open.*
 1927 - *4/20, first bloom; 4/25, 50% buds open;*

Remarks: ** Apparently mistake in 1923 in labeling samples since the specimens were of a sweet variety - records for 1923 therefore are discarded. Sevens from W. N. Irwin 3/10/08 - supplied by J. R. Covert, Foreign Markets - U.S.D.A. 10/1/07*

Characterization: *Size medium to fairly large; roundish to slightly acute, fairly regular. Ground color yellow, nearly covered with dull stripes and splashes. Highly colored but shade is too dull to be attractive. Whitish bloom - sometimes heavy. Dots many, minute, whitish, inconspicuous. Core medium depth, abrupt. Basin medium in depth and width. Flesh yellowish, fairly fine grain, fairly tender, tends to lack juice, mildly acid, flat, not much to it. 10/16/24. in season now, or a little past. 1925. some watercore. Several seasons color and bloom resemblance to Blue Pearmain was mentioned.*

5/11 petals falling but still some unopened buds.

Second sheet, Variety *Covert*.

180

Storage notes:

Vigor of Tree: Exceptionally strong average weak. Size:
" *good* Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very (large)
clean medium small; Color: Light dark normal.
on tree row 3, larger and more abundant than on no. 4

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained disappeared.

9/11/28

Branching:

Main limbs: Very medium long short; Very medium slender
clean (stout) Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping. *well branched*

Twigs: Many (medium) few; (Medium slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) (few); Very medium slender stout;
(*mostly 1/2 - 1*) - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: (Few) medium many; Terminal bearing mostly
considerable slight none (*same*)

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted *none*

Fruit modeled

Fruit described *none*

Disease notes by J. W. Roberts:

Variety Apple Orchard
Arlington Farm

181

Variety: Cox No. 11. f: 5-6:1

acc. No. 7222

Pom. No.

Cox No. 12. f: 5-6:2

acc. No. 7223

Pom. No.

Cox No. 13. f: 5-6:3

acc. No. 7224

Pom. No.

Cox No. 14. f: 6:4

acc. No. 7225

Pom. No.

Arlington acc. no records not available for reference at this time 1/9/42. My recollection is that each of these is a seedling received from Mr. Cox of Ohio, originally. Fairly full notes were made on each selection. None had any superior qualities, though as to eating quality they were perhaps at their best comparable with Rome Beauty. So far as known, none of these were ever propagated for the trade. Probably none was ever sent out from Arlington Farm for trial. Too poor for that. Since our interest in them passed with the passing of the trees, no detailed (over)

record of them is being worked
up in this connection.

This note is placed on file as
a means of accounting for the
numbers, should any question
ever arise regarding them.

1/9/42

XJG

Photos.

Cox No. 12. Neg No. 49028
" " 14 " Nos. 50746 + 50747

no painting

(no 2d sheet)

no descriptions

VARIETY APPLE ORCHARD
Arlington Farm

182

Variety: *Cox - seedling from*

Orchard location: Section *H* Row *15-16* Tree *3*

Arlington Accession No. *6413*
Pom. No. 40631

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -			1927 ..		
1923 -			1928 -		
1924 -			1929 -		
1925 -			1930		
1926 -			1931		

Blossom dates: 1924 *Fairly full notes were made*
Sciurus record *on this apple but they*
from E. S. Cox 1925 *are being discarded in*
Proctorville 1926 *this connection because*
Ohio 3/24/08 1927 *of the nature of the apple.*

Remarks: *Arlington acc. records available now*
(1/9/42) give it simply as "seedling," Sciurus
from Mr. Irwin 3/27/08. Mr. Brunk
gave the designation on the specimen
labels as seedling Cox; in one case simply

Characterization: *as "seedling". It was a red*
apple, picked from the middle of Sept
to early Oct. Pretty well covered with red,
sweet in flavor; without apparent
value. Our interest passed with the
going out of the trees. This note
is filed to account for the
location and to complete the

record *1/9/42* *no 2d sheet*
no paintings *no description*

VARIETY APPLE ORCHARD
Arlington Farm

183

Variety: *Cox Golden*

Orchard location: Section *D* Row *23* Tree *3*

Arlington Accession No. *3373*

Pom. No. 24594

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/19</i>	<i>102796</i>	:	1927 -	<i>9/28</i>	<i>109583</i>
1923 -	-	-	:	1928 -		
1924 -	-	-	:	1929 -		
1925 -	<i>9/25</i>	<i>106956</i>	:	1930		
1926 -	<i>10/20</i>	<i>108675</i>	:	1931		

Blossom dates: 1924 - *5/1, 20% buds open*
1925 - *4/14, 20% " ; 4/18, 90% buds open.*
1926 - *4/30, center buds open.*

1927

Remarks: Variety received as scions in 1902 from
E. S. Cox, Broadrick, Ohio. Pom No. 24594.
name apparently is not in the literature - a
local sort only.

Characterization: *Size medium; roundish conic*
to slightly elongated conic. Skin color yellow
sometimes slightly blushed. Sots variable from
numerous, whitish and inconspicuous to brownish
and somewhat conspicuous on yellow surface.
A little coarser with a few larger in some specimens.
Coverly moderately deep, relatively narrow. Commonly
slightly lipped, some russeting; Basin moderately
deep and wide. ~~Basin moderately deep~~ Apex ridged
and furrowed similar to yellow Belleflower
or Delicious. Flesh yellowish, quite fine
grain, fairly juicy, mildly acid - but at this date
(10/25) still a little immature, not rich but pleasant.
Good in quality. In season 10/8/26.

Storage notes: 1926 crop. Out of storage 3/23. Exam 4/12/27
Kept well. No shriveling or scald. - Flesh
fine grain, rather breaking, fairly juicy, fairly
rich, sweet, pretty good as a sweet apple.
(This is only place where it was definitely referred
to as a (Sweet apple).)

1927 crop. Out of storage Jan. 14/28; Exam 1/19/28
Excellent storage condition. Firm - would probably
have kept considerably longer. Very mild subacid;
almost neutral with but very little flavor. In this case
Vigor of Tree: Exceptionally strong (average) weak. Size: (over)
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading).
Central leader: (Partially retained) disappeared.

Branching: well branched

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked.

Secondary limbs: Numerous (medium) few: Medium slender stout;
(Tend to Drooping)

Twigs: Many (medium) few; (Medium slender stout) Long medium
short; Straight branched twiggy; Medium open
dense; Willowy. (Obviously drooping)

Spurs: Very many medium (few) Very (medium slender stout);
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few (medium) many; (Terminal bearing mostly
considerable slight none same)

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

drooping secondary branches and twigs give
Illustrations: striking appearance (see below)
Tree photographed Neg. No. 47948

Fruit painted Several Fruit modeled

Fruit described 23081-37690

Disease notes by J. W. Roberts:

In tree case, notes reference was made to
the Rome Beauty type of tree in some respects.
Also in orchard book in 1925 it was noted
that the habit of growth suggested Rome
Beauty; again in 1926 similarity of tree
and blossoms to Rome Beauty was mentioned.

quality was rated as "very low" due to
absence of flavor and richness rather
than to any objectionable flavor.
Inference may be that Jan 19 was
past its period of durability because
of loss of flavor in storage.

VARIETY APPLE ORCHARD
Arlington Farm

185

Variety: *Cox Orange*

Orchard location: Section *D* Row *6* Tree *5*

Arlington Accession No. *3071*

Don. No. 24545

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	-	-	1927 -	<i>9/2</i>	<i>109472</i>
1923 -	<i>9/14</i>	<i>103922</i>	1928 -		
1924 -	-	-	1929 -		
1925 -	<i>10/1</i>	<i>106935</i>	1930		
1926 -	-	-	1931		

Blossom dates: 1924 - *no bloom*
 1925 - *4/14, 20% buds open; 4/18, 75% buds open.*
 1926 - *4/30, very few blossoms only on trees*
 1927 - *Scions from S. D. Willard, Geneva, N. Y. 1902*

Remarks: *Tree Row 5 disappeared early, or perhaps never grew. This tree was very small, never made normal growth, due in part no doubt to its poor location on the edge of a bank along a road way. It was too subnormal for any record making on true type. For all of its weakness it bore several relatively heavy crops.*

Characterization:

Rather small, oblate conic. Ground color yellow, nearly covered with a rather dull red wash and broken stripes, latter usually rather indistinct. Some seasons dullness of red overspread is considerably less than others. Dots moderately numerous, small as rule, same. times as small irregular spot in skin. Sometimes grayish overspread - making a not too attractive apple especially in seasons when red overspread is dull. Flesh yellowish, fine grain, very tender, quite juicy, mildly acid but slightly aromatic and exceptionally high quality. Several paintings. (over)

Descriptions: several

Date		Description		Amount	
1891	Jan 1	Balance		100.00	
1891	Jan 15	...		25.00	
1891	Feb 1	...		50.00	
1891	Mar 1	...		75.00	
1891	Apr 1	...		100.00	
1891	May 1	...		125.00	
1891	Jun 1	...		150.00	
1891	Jul 1	...		175.00	
1891	Aug 1	...		200.00	
1891	Sep 1	...		225.00	
1891	Oct 1	...		250.00	
1891	Nov 1	...		275.00	
1891	Dec 1	...		300.00	

...

...

VARIETY APPLE ORCHARD
Arlington Farm

182

Variety: *Crookstone* ?

Orchard location: Section *C* Row *19-20* Tree *4*

Arlington Accession No. *3038*

Pam. No. 24460

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	—	1927 ..	—	—
1923 -	<i>10/26</i>	<i>104310</i>	1928 -	<i>Blossoming dates</i>	
1924 -	<i>10/14</i>	<i>105697</i>	1929 -		
	<i>11/4</i>	<i>105961</i>	1929 -		
1925 -	<i>10/16</i>	<i>107093</i>	1930	<i>1925-7/8, 50%</i>	<i>undersopen - over bloom</i>
1926 -	—	—	1931	—	—

Blossom dates: 1924 *Scans. Pam No. 24460 received*
1925 *in 1902 from J. J. Blackwell,*
1926 *Titusville, N. J. One painting.*
1927 *Pam no. 13340 is on file. No*
description. Hence inadequate

Remarks: *information as to what the variety is*
really like. The painting is of a medium size
yellow apple, nearly if not completely self-
colored. Difficult to reconcile some of the
specimens from Arlington with the apple
that was painted. The painting shows a curved

Characterization: *stem but does not appear sufficiently*
characteristic or striking to justify the name
"Crookstone".

Characterization: *Size medium, slightly ablate,*
ground color yellow, with some bluish and
bronzing on exposed side; some bell-shaped
overspread, sometimes as stripes and splashes;
a light-bluish bloom. Dots rather numerous,
brownish; Flesh white or lightly tinged yellow, fairly
fine grain, firm and not tender up to 11/7/24, when
still rather immature. Rather sharply acid, at least until
fully mature. (Over) (no 2d sheet)

The specimens picked 11/4/24 were
evidently wrongly labeled. In color
markings they were likened to unusual
highly colored Smith Cider - which
could hardly be this yellow Crookshank
of Blackwell - Presumably nothing
other than a local apple with him
He was actively interested in varieties
and over a considerable period
of years sent many specimens to
the Div. of Pomology.

3/4/26 Tree below medium, - upright,
spreading, Main and second-
ary branches rather slender.
Branches, twigs and spurs
normal.

Photos nos. 44704
Negs. nos. 44751 (roots)

Painting: 13340
no description

VARIETY APPLE ORCHARD
Arlington Farm

187

Variety:

Cross

Orchard location:

Section

A

Row

12

Tree

2

Arlington Accession No.

1825

Form No. 24243

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/23</i>	<i>102309</i>	1927 -	<i>8/19</i>	<i>109332</i>
1923 -	<i>9/8</i>	<i>103897</i>	1922 -		
1924 -	<i>8/29</i>	<i>105163</i>	1929 -		
1925 -	<i>8/21</i>	<i>106656</i>	1930		
1926 -	<i>8/26</i>	<i>107757</i>	1931		

Blossom dates:

1924 - *4/29, 25% buds open*

1925 - *4/13, 20% " ; 4/16, full bloom*

1926 - *4/28, center buds open.*

1927 -

Remarks:

Scions from which propagated apparently were received from the U. S. State Expt. Sta., but which "Cross" the variety is supposed to be seems rather uncertain. Scions received in 1902

Characterization:

Good size to rather large; roundish, came to slightly oblate, indistinctly ribbed. Ground color greenish yellow till fully ripe, then yellow, usually striped and suffused more or less with red - same overspread of red in highly colored fruits, dots numerous whitish, inconspicuous. Flesh yellowish; texture somewhat coarse, lacking in juice, inclined to be mealy, very slightly acid, nothing distinctive, fairly pleasant but lacking in punch.

REPORT ON THE PROGRESS OF THE WORK DURING THE YEAR 1900

By the Secretary, J. H. ...

Presented to the Board of Directors at the Annual Meeting held on ...

and published by the ...

Item	Amount	Total
...
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The following table shows the ...

The following table shows the ...

The following table shows the ...

Storage notes:

Vigor of Tree: Exceptionally strong average (weak). Size!
Exceptionally large average [small].

Foliage: Very abundant normal (scanty). Leaves: Very large
medium small; Color: (Light) dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading).
Central leader: Partially retained disappeared.

9/13/27

Branching:

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping. Nothing distinctive - normal

Twigs: Many medium few; Medium slender (stout); Long medium
(short) Straight branched twiggy; Medium open
dense; Willowy. Many on smaller limbs.

Spurs: Very many (medium) few; Very medium slender (stout);
(1/2 - 1) - 2 - 3 inch; (Mostly branched unbranched);

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

General lack of thrift apparent. (See below)

Illustrations:

Tree photographed

Fruit painted Several

Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

Trunk and one or two limbs appear
to have "sunscald". Lack of thrift
may be due to this condition.

VARIETY APPLE ORCHARD
Arlington Farm

139

Variety: *Daniel*

Orchard location: Section *S* Row *17-18* Tree *1*

Arlington Accession No. *6341*

Pom. No. 40521

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/7</i>	<i>102240</i>	1927 -	<i>8/15</i>	<i>109269</i>
1923 -	<i>8/20</i>	<i>103835</i>	1928 -		
1924 -	<i>8/29</i>	<i>105202</i>	1929 -		
1925 -	<i>9/1</i>	<i>106687</i>	1930		
1926 -	<i>8/13</i>	<i>107849</i>	1931		

Blossom dates: 1924 - *5/3, full bloom*
 1925 - *4/15, still few buds but petals falling.*
 1926 - *4/30, 90% buds open.*
 1927-1928 - *4/25, 20% " " ; 5/1, 90% buds open.*

Remarks: *Scions received 11/3/08 - from original collection of W. H. Swain at Eckburg Mt*

Characterization: *Mid size, varying from below to above; smooth, roundish to slightly conic; ground color yellowish, more highly colored fruits lightly washed with red, striped and splashed; more green red wash absent and striping light; dots numerous minute inconspicuous - a few brownish and conspicuous on yellow ground; some times dots like from minute rust areas making coarse finish. - White bloom present. Stem 1" slender; Calyx lobes remarkably long and slender. Flesh yellowish, coarse grain, fairly tender, sometimes lacking juice, mullish acid; a peculiar characteristic flavor - described as 'bath pleasant and unpleasant in different seasons. Calyx tube and parts are striking; tube is cylindrical extending wall up to the carpels. At base of tube, the pistil becomes distinctly fleshy, to the extent that it nearly fills the tube. The pistil then extends well out to the eye.*

Second sheet, Variety *Daniel*

190

Storage notes:

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small).

Foliage: Very (abundant) normal scanty. Leaves: Very (large)
medium small; Color: Light (dark) normal. Clean.

Habit of Growth: Very upright (roundish) ^{but irregular and} ~~broad flat~~ spreading
Central leader: Partially retained disappeared.

9/10/28

Branching:

Main limbs: Very medium long short; Very medium slender
Irregular stout; Medium straight (crooked).

Secondary limbs: Numerous (medium) few: (Medium) slender stout;
Drooping. 1928 growth 6"-10", with some shoots 2'-3'.

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium slender stout;
(Mostly 1/2 - 1) ^{Some} 2 - 3 inch (Mostly branched unbranched);

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Location - outside row next to driveway. (see below)

Illustrations:

Tree photographed

Fruit painted #100354/09269 Fruit modeled

Fruit described *10035

Disease notes by J. W. Roberts:

Both trees are looking in vigor - at
least they are small and have not grown well
but as stated the 1928 growth and the
foliage suggest good growth conditions
that season.

VARIETY APPLE ORCHARD
Arlington Farm

191

Variety: *De Chataignier*

Orchard location: Section *C* Row *5-6* Tree *3*

Arlington Accession No. *1993*

Pom. No. 24163

S.P.G. 8450

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/7</i>	<i>102780</i>	:	1927 ..		
1923 -	—	—	:	1928 -		
1924 -	<i>11/4</i>	<i>105957</i>	:	1929 -		
1925 -	<i>10/5</i>	<i>107094</i>	:	1930		
1926 -	—	—	:	1931		

Blossom dates: 1924 *5/1, 40% buds open; 7/3, full bloom*
1925 *7/14, full bloom.*
1926
1927

Remarks: *Received in 1902 as root grafts:
from Algeria, through C. S. Scofield
then at Oran, Algeria.
No record as to characteristic of this variety
— unless in S.P.G.*

Characterization: *Medium size, roundish to
slightly ^{oblate} conical, halves unequal,
ground color yellow, some
fruits show faint suggestion of stripes radiating
from cavity; dots mostly submerged and
inconspicuous, a few raised and dark brown or
black - latter possibly imperfections; flesh tinged
yellow, setine, fine grain, rather tough, described
one season as fairly juicy, another as lacking juice; very
nearly if not quite sweet. In 1925 there was much
water core. Seemingly without value as it
grew at Arlington.*
(over)

(No 2d sheet)

37
127/26

Tree good size, upright,
few secondary branches,
many fruit spurs on
limbs and twigs.

Tree healthy.

Planting #105957

no description

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *D'Anjou*

Orchard location: Section *6* Row *5* Tree *4*

Arlington Accession No. *1994*

Pom. No. 24166.

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 ..		
1923 ..	<i>9/14</i>	<i>103927</i>	:	1928 -		
1924 -	<i>9/15</i>	<i>105373</i>	:	1929 -		
1925 -	<i>9/16</i>	<i>106817</i>	:	1930		
1926 -	—	—	:	1931		

Blossom dates: 1924 - *5/1*, full bloom; very light bloom.
1925 - *4/14*, " "
1926
1927

Remarks:

SP. 8449 -

Received as root grafts in 1902.

Variety from Algeria, through C.S. Scofield then at Oran, Algeria.

Characterization: *Large, sometimes somewhat tannic; in general appearance somewhat suggests Rhode Island Greening. Ground color yellowish, a little red overspread about cavity, sometimes; sometimes russeting about cavity, though this may be spray injury. Sometimes slight striping; however, color markings apparently are variable from season to season, or may be absent; flesh white, tender, crisp, slightly acid; fairly good. In season best of Sept.*

Trees planted at Arlington likely propagated from scions from nursery trees grown on Potomac flats — but records not clear on this.

~~Storage notes:~~

927/26 a fine tree - upright, roundish-sprreading top - good vigor, well branched; many twigs and spurs.

Vigor of Tree: Exceptionally strong average weak. Size: Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading. Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout; Drooping.

Twigs: Many medium few; Medium slender stout; Long medium short, Straight branched twiggy; Medium open dense: Willowy.

Spurs: Very many medium few; Very medium slender stout; 1/2 - 1 - 2 - 3 inch; Mostly branched unbranched; Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Fruit painted # 101076

Fruit modeled

Fruit described none

Disease notes by J. W. Roberts:

Aug. 10, 1921, Dr. Roberts recorded bitter-pit as very severe on this variety. No other mention of disease in the records.

Variety Apple Orchard Arlington Farm

194

Variety: Delicious

✓ acc. No. 1827. A: 11-12:4 (Pam. No. 24245)

✓ " " 3067. D: 5-6:2 (Reg. No. 47978)

" " 6652. I: 5-6:3.

Fairly complete notes are compiled for acc. No. 6652. Records on others are fragmentary. Certain storage records on No. 3067 indicate that fruit removed March 8 was better flavored than some discussed under No. 66.52.

Tree notes on acc. No. 3067 call attention to the rough bark which probably referred to the "Measles" disease that developed very seriously later on some Delicious trees in this orchard. In fact it was probably these very trees that were left, when the surrounding trees were removed, for Dr. Roberts to study.

acc. No. 3067. Pam. No. 24543. Scions from Stark Bros. Louisiana, Mo. 1902

Pam. No. 24245. scions from N. Y. Station in 1902

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Delicious*

Orchard location: Section *J* Row *5-6* Tree *3*

Arlington Accession No. *6652*

Pom. No. 40787

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	<i>9/28</i>	<i>109584</i>
1923 -	—	—	:	1928 -	<i>9/28</i>	<i>110678</i>
1924 -	—	—	:	1929 -	<i>9/18</i>	<i>111248</i>
1925 -	—	—	:	1930 -	<i>9/18</i>	<i>111655</i>
1926 -	<i>11/1</i>	<i>108481</i>	:	1931 -	<i>10/6</i>	<i>112326</i>

Blossom dates: 1924- *5/2, 40% buds open; 5/6, little past full bloom.*
 1925- *4/15, 90% " " ; 4/20 " " "*
 1926- *4/30, 50% " "*
 1927- *4/16, 25% " " ; very light bloom.*

Remarks: *1928- 4/26, first bloom; 5/1, 90% buds open.*
scions received 4/8+13/08 - 4/2/08 - from Stark
Bros. Louisiana, Mo.

Characterization: *Medium to good size, roundish conic to elongated conic, Ground color yellow, nearly completely overspread with bright red and broken red stripes; dots small, pale yellow, rather inconspicuous; a light whitish bloom; Cavity rather deep, abrupt; stem about 1", rather slender; basin medium in width and depth; calyx lobes long, converging; eye large, partially closed. Flesh yellowish, fine grain, fairly tender, juicy, very mildly acid to nearly sweet; fairly rich, yet lacking in distinctive character.*
5. knobs at apex are not as prominent as in specimens from Northwest.

Second sheet, Variety *Delicious* (#6652. J:5-6:3) 196

Storage notes: Crop 1926. Out storage 4/27 Exam. 4/27.
277 spec completely rotted; a third considerably
decayed. Other spec. in apparent good physical condition.
No shriveling, no scald, fairly firm. While quite juicy,
and very mildly acid, flavor is flat - practically gone.
Quality now is poor.

Crop 1928. Stored 17/8, out Feb. 4/29. Exam 7/4/29
In excellent physical condition so far as appearance
and firmness indicate. A little pitting & scald on
1 or 2 spec. quite juicy, flavor nearly neutral and
not pronounced.

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally large (better than average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
(medium) small; Color: Light dark normal..
50%-60% leaves still retained.

Habit of Growth: Very upright (roundish) broad flat (spreading)
Central leader: Partially retained (disappeared) 11/16/28

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
Bark notably dark stout; Medium (straight) crooked.
Secondary limbs: Numerous (medium) few: (medium) slender stout;
Drooping.

Twigs: Many (medium) few; (medium) slender stout; Long (medium)
short; (straight) branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense stocky
grower; Top (round) much broader narrower than tall,
slightly (see below) *

Illustrations:

Tree photographed

Fruit painted Several Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts: Aug. 10, 1921 moderately
severe bitter rot infection was noted.

* The 2 trees differ widely in size & vigor. Row 5, tree small
unsymmetrical, apparently much hairy rot or crown gall.
above notes based on Row 6 - a good strong tree.
Certain angles of the limbs, and crooks, together with
form of top are characteristic of the variety - but they
are not definable.

VARIETY APPLE ORCHARD
Arlington Farm

197

Variety: *Dickey*

Orchard location: Section *B*

Row *5-6*

Tree *3*

Arlington Accession No. *3007*

Pom. No. 2444

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/3</i>	<i>102772</i>	:	1927 -	<i>9/26</i>	<i>109573</i>
1923 -	<i>10/20</i>	<i>104291</i>	:	1928 -		
1924 -	<i>10/11</i>	<i>105604</i>	:	1929 -		
1925 -	<i>10/1</i>	<i>106936</i>	:	1930		
1926 -	—	—	:	1931		

Blossom dates: 1924

1925

1926

1927

Remarks: *Mr. Irwin used to consider the highest quality of any variety with which he was acquainted, but as it developed at Arlington Farm, we could never give it a particularly high quality rating.*

Characterization: *Scion from H. W. Hope, Baint, Ohio, 1902. Medium size, mostly oblate, some fruits approaching round, sometimes compressed; halves sometimes unequal. Ground color yellowish, or yellowish white, more or less overspread with thin red and broken stripes of crimson - as a rule not very well colored - dots moderately numerous, brownish, rather conspicuous. Cavity noticeably deep and broad, basin same; calyx lobes medium, converging; eye nearly closed. Flesh lightly tinged yellow, a little setiny, fine grain, crisp, breaking, juice normal, mildly acid, fairly good.*

Second sheet, Variety *Dickey*

Storage notes: 1927 crop - spec. stored
until Jan. 3/28. Exam Jan 9/28

Prime eating condition. Fairly juicy,
mildly acid. Flavor a little characteristic,
fairly pleasant, not especially rich and not
better than good in quality.

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping.

Twigs: Many medium few; Medium slender stout; Long medium
short, Straight branched twiggy; Medium open
dense: Willowy.

Spurs: Very many medium few; Very medium slender stout;
1/2 - 1 - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed C: 9:2. Neg. No. 47922

Fruit painted *Several*

Fruit modeled

Fruit described #1890

Disease notes by J. W. Roberts:

Aug. 10, 1921, Dr. Roberts listed it as showing
bitter rot. Apparently it was not serious.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Dixon*

Orchard location: Section *H*

Row *17*

Tree *1*

Arlington Accession No. *6416*

Pom. No. 40634

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102560</i>	1927 -	<i>9/28</i>	<i>109585</i>
1923 -	<i>10/8</i>	<i>104200</i>	1928 -	<i>10/23</i>	<i>110730</i>
1924 -	<i>10/8</i>	<i>105709</i>	1929 -		
1925 -	<i>9/23</i>	<i>106843</i>	1930		
1926 -	<i>9/17</i>	<i>108193</i>	1931		

Blossom dates: 1924 - *5/2, 90% buds open; 5/6, petals mostly off*
 1925 - *4/15, full bloom.*
 1926 - *4/30, 90% buds open*

1927

Remarks: *Scions received 3/27/08 from private collection of W. H. Dunning, Lexington, Va. This no. traces to Pom No. 11721, scions of Dixon from C. S. Scott, Links Grove, W. Va.*

Characterization: *Medium to good size; oblong conic, smooth except indistinct ribbing. Ground color yellowish when fully mature, overspread with dull coppery red, same. Times some stripes. Dots variable, moderately numerous, sometimes inconspicuous, some yellowish and rather conspicuous. Cavity fairly deep, rather abrupt, many times somewhat lippled; stem medium, 5/8". Basin medium, sometimes abrupt; calyx lobes long, converging; eye medium, closed. Flesh lightly tinged yellow, perhaps becoming more yellow as maturity advances; fairly fine grain, firm rather acid. In one case described as rich, but in others lack of richness was mentioned, and while pleasant it was apparently considered as only fairly good, with little to commend it. Water core mentioned 2 or 3 times.*

Second sheet, Variety *Dixon*

Storage notes: 1926 Crop. In storage 10/8/26. Out again 1/31/27.

Kept well, no shriveling, no storage diseases.
Flesh especially tender but with good body. Moderately juicy,
rather sprightly but lacks richness.

1927 Crop. Out 1/14/28. Exam 1/19/28. These spec. had passed
period of dormibility as they showed much physiological
breakdown. May not have been stored promptly. 1 or 2 spec
still in good condition were flat in flavor.

1928 Crop. Stored 10/27. Out 4/9/29. Exam 4/17/29. Office refrigerator
meanwhile. One spec decayed. Otherwise lot in excellent physical
condition. No scale. Flesh tender, quite juicy; mildly acid; not rich
a little past prime. (See over) but pleasant.

Vigor of Tree: Exceptionally strong average weak. Size:
" *good* Exceptionally large - *(below average)* small.

Foliage: Very (abundant) normal scanty. Leaves: Very (large)
medium small; Color: Light (dark) normal.

Clean - leaves long, something like Missouri Piffin.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very medium (slender)
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping. *well branched*

Twigs: (Many) medium few; Medium (slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense: *Willowy, large brown surface.*

Spurs: Very (many) medium few; Very medium (slender) stout;
(1/2 - 1 - 2) - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

Bears on spurs, spur twigs and some terminals

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Large leaves and dark color make tree stand out.

Illustrations:

Tree photographed *Neg. No. 49698*

Fruit painted *Several*

Fruit modeled

Fruit described #10444

Disease notes by J. W. Roberts:

10/5/28 Canker like developments on
main limbs and smaller branches.

some of 1928 spec stored Oct 27,
and Apr. 10/29 were held in office
refrigerator until June 4/29. In
appearance they had kept remarkably
well. But little shriveling; though
flesh was somewhat spangy it was
still quite juicy.

VARIETY APPLE ORCHARD
Arlington Farm

201

Variety: *Doctor*

Orchard location: Section *D*

Row *5-6*

Tree *1*

Arlington Accession No. *3066*

Pom. No. 24389

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>9/30</i>	<i>102760</i>	:	1927 -	<i>9/23</i>	<i>109514</i>
1923 -	<i>10/8</i>	<i>104199</i>	:	1928 -		
1924 -	<i>10/11</i>	<i>105609</i>	:	1929 -		
1925 -	<i>10/28*</i>	<i>107186</i>	:	1930		
1926 -	<i>10/25**</i>	<i>108482</i>	:	1931		

Blossom dates: 1924 - *5/1, 20% buds open. Very light bloom.*
 1925 - *4/14, first bloom; 4/15, 50% buds open; 4/23 full bloom.*
 1926 - *4/30, center buds open.*
 1927 - *5/2, post full bloom. still few petals remain.*

Remarks:

* Spec. in 1925 were picked up from ground.
 ** " " 1926 " " " " about *10/25*
 scions from W.C. Boring, Thornville, Ohio, 1902

Characterization: *Seed size to moderately large, roundish to slightly oblate, sometimes slightly truncate; smooth, halves sometimes unequal; ground color yellow, more or less covered with a moderately heavy wash of bright red with indistinct striping; dots variable numerous, whitish, submerged, some suggesting dots of White Pippin, some pale yellow, some brown, some very conspicuous; Cavity deep, rather abrupt, large. Basin moderately deep, broad; eye very large, open; calyx lobes long, reflexed; stem $\frac{1}{2}$ ", moderately stout; flesh tinged yellow, fairly fine grain, firm, juicy, mildly acid; fairly rich; probably good or better. See storage notes for quality.*

Second sheet, Variety

Doctor.

202

Storage notes: 1827 specimens. Out and exam. 12/12/27
In excellent condition. Good eating
condition. Grain a little coarse, tender,
fairly juicy. Mildly acid. Fairly rich - a
little better than good - not rich enough
to be very good.

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained ^{mostly} disappeared

Branching: well branched
Main limbs: Very medium long short; Very (medium) slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping, well branched

Twigs: Many (medium) few; (Medium) slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout;
(1/2 - 1) - 2 - 3 inch; Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grover; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Veg. No. 47968

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

Considerable rough bark on main
limbs. Suggests bark disease
of some sort.

VARIETY APPLE ORCHARD
Arlington Farm

203

Variety: *Dominie*

Orchard location: Section *D* Row *13-14* Tree *4*

Arlington Accession No. *3101*

Pom. No. 24563

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>10/7</i>	<i>102777</i>	:	1927 -		
1923 -	<i>10/8</i>	<i>104194</i>	:	1928 -		
1924 -	<i>10/11</i>	<i>105616</i>	:	1929 -		
1925 -	<i>9/17</i>	<i>106844</i>	:	1930		
1926 -	—	—	:	1931		

Blossom dates: 1924 *5/1, full bloom*

1925 *4/14* " "

1926 *Acc. No. 3101, Pom. No. 24563 should be Cornell from L. R. Taft, Mich. Agr. Coll. East Lansing, Mich. This checks with Pom. Jour entry.*

1927

Remarks: While no decided question was raised regarding correctness of identity, repeatedly comment was recorded in regard to lack in quality - the prevailing impression being that Dominie possessed rather high dessert quality - which was not the case with any of these specimens.

Characterization:

Medium size, somewhat below the assumed standard for the variety. Oblate, irregular, uneven, more or less ribbed. Ground color pale yellow, these specimens having only a little of the normal red markings typical of the variety at its best. Spots few, but large, raised, more appearing as minute russet spots. Flesh tinged yellow, fine grain - tender but rather firm, mildly acid, fairly rich, pretty good, but below the assumed standard of the variety. (These are 1925 notes)

(over)

(No 2d sheet)

3/1/26 Good healthy tree, broad
spreading, rather low-
top, characteristic long,
arms with many large
spurs - smooth clean
bark.

Neg. No. 44735 }
Several paintings }
Several descriptions } *domine*

204

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Dudley*

Orchard location: Section *A* Row *11-12* Tree *5*

Arlington Accession No. *1828*

Pom. No. 24246

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 ..	<i>8/4</i>	<i>109227</i>
1923 ..	<i>8/4</i>	<i>103382</i>	:	1928 -		
1924 -	<i>8/5</i>	<i>105164</i>	:	1929 -		
1925 -	<i>7/29</i>	<i>106514</i>	:	1930		
1926 -	<i>8/26</i>	<i>107850</i>	:	1931		

Blossom dates: 1924 - *4/26, 25% buds open; 4/29, full bloom*
 1925 - *4/14, 90% " " ; very light bloom*
 1926 - *4/28, full bloom; rather characteristic*
 1927 - *small blossoms.*

Remarks: *Several seasons comment was recorded that this variety seems to have enough merit here to warrant its receiving more attention as an apple for its season than it has been given. Seeded from N.Y. Agr. Sta. 1902*

Characterization: *Good size, roundish cone to slightly oblate; smooth. Regular except for slight ribbing. Ground color whitish to pale yellow, attractively splashed and striped with red. Flesh tinged yellow, very tender, sprightly acid till fully ripe. At prime it is probably better in quality than most varieties of its season. Indication that it loses flavor rather quickly after reaching full maturity. Beards in apples of New York speaks favorably of it - especially for trial. In North it can be kept till winter. Name Dudley winter so suggests - it is a seedling of Oldenburg.*

Second sheet, Variety *Dudley*.

Storage notes:

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small).

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat (spreading)
Low top - Central leader: Partially retained disappeared.

Branching: *Fairly well branched.*
Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium few; Medium slender stout; Long medium
short, Straight branched twiggy; Medium open
dense: Willowy.

Spurs: Very (many) medium few; Very (medium slender stout);
(1/2 - 1) - 2 - 3 inch; Mostly branched (unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 47867

Fruit painted *Several*

Fruit modeled

Fruit described #2261-18909

Disease notes by J. W. Roberts:

*Location of tree may in part
account for small size and
lack of vigor.*

*1/6
28*

*Back of tree suggest
lack of vigor.*

VARIETY APPLE ORCHARD
Arlington Farm

206

Variety: *Dulaney (Dulaney Choice)*

Orchard location: Section *E* Row *17-18* Tree *3*

Arlington Accession No. *4301*

Am. No. 28372

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>10/13</i>	<i>102839</i>	1927 -	<i>9/28</i>	<i>109586</i>
1923 -	<i>10/20</i>	<i>104294</i>	1928 -		
1924 -	—	—	1929 -		
1925 -	<i>10/10</i>	<i>107095</i>	1930		
1926 -	—	—	1931		

Blossom dates: 1924 - *no bloom*
1925 - *4/14, 40% buds open; 4/20, post full, but still few buds.*
1926 - *no bloom*
1927 -

Remarks: *Nothing to check identity by but presumed to be correct. scions from Benj. Buckman, Farmingdale Ill. 3/9/03*

Characterization: *Small, a bluish ground color, whitish, pretty well covered with stripes and heavy buttermilk overspread. Dots moderately numerous, slightly raised, areolar, inconspicuous where buttermilk overspread occurs. Flesh tinged yellow, fairly fine grain, firm tough (10/24/25), moderately juicy, mildly acid. Immature this date. Too small and looking in too many ways to be of value. See storage notes.*

Second sheet, Variety

Dulaney

207

Storage notes: Crop 1927 stored 10/11/27. Ant. 9/8/28.

Exam 7/13/28. Except for some seed, good physical condition. Fine grain, rather breaking, quite juicy, sprightly subacid, delicate rather characteristic possibly an absorbed flavor but at its best it would probably be rated as good. Too small to be of general value.

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small)

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching: *well branched*
Main limbs: Very medium long short; Very (medium slender stout) Medium straight crooked.
Secondary limbs: Numerous medium few: Medium slender stout; Drooping.

1/27/28

Twigs: Many (medium) few; Medium (slender) stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many (medium) few; Very (medium slender stout) 1/2 - (1 - 2) 3 inch; *line twigs + small branches* (mostly branched) unbranched;
Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

No apparent reason for trees being so small
Illustrations: *unless lack of constitutional vigor.*
Tree photographed Neg. No. 49002

Fruit painted #109586

Fruit modeled

Fruit described #26052

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

208

Variety: *Dunelow*

Orchard location: Section *5* Row *17* Tree *2*

Arlington Accession No. *6342*

Pom. No. 40522

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/23</i>	<i>102308</i>	1927 -	—	—
1923 -	<i>9/16</i>	<i>104039</i>	1928 -	<i>9/27</i>	<i>110679</i>
1924 -	—	—	1929 -	—	—
1925 -	<i>9/5</i>	<i>106730</i>	1930	—	—
1926 -	<i>11/1</i>	<i>108676</i>	1931	—	—

Blossom dates: 1924 - *No bloom*
 1925 - *4/15, 50% buds open; 4/20 slightly past full but still some buds.*
 1926 - *4/30, first bloom.*
 1927 - *4/22, " " ; 5/1, 85% buds open.*

Remarks: *This is an old English variety; described and illustrated in Apples of New York.*

Seeds received 3/1/08 from private collection of W. N. Durwin at Echington.

Characterization: *Medium size or below, roundish cone to a little oblate cone, fairly uniform and regular. Ground color yellow, fairly well covered with a thin wash of red with stripes and splashes of red. Dots scattered variable - some yellowish and inconspicuous, a few brownish, raised and somewhat conspicuous. Some spec. have more or less fine leather cracking. Core medium depth, rather abrupt. Stem 1/2", slender. Basin shallow, moderately broad. Calyx lobes medium, recurved; eye open, large. Basin ridged with minute knobs surrounding the eye, each knob corresponding to a sepal. Flesh yellowish, fine grain, tender, quite juicy, too sharply acid for use in fresh state. Too lacking in quality, richness to be of value.*

Second sheet, Variety *Dumelow*

Storage notes: 1926 Crop. out of storage 4/2/27
Exam 4/7/27. Now past its season. 276 spec.
completely decayed; 4 Spec. somewhat withered,
7 each tinged yellow, fine grain, tender, quite
juicy, subacid, a slight astringency,
which with a flavor not very pleasant give
it a rating now of not better than poor
for edible purposes

1928 crop, stored 11/8/28, out 7/4/29. Exam 7/9/29 (over)

Vigor of Tree: Exceptionally strong average weak. Size:
" *Good*, Exceptionally large *(less than average)* small.

Foliage: Very abundant (*normal*) scanty. Leaves: Very large
medium small; Color: (*Lighter than most var.*) dark normal.

Habit of Growth: Very (*upright*) roundish broad flat (*slightly spreading*).
Central leader: (*Partially retained*) disappeared.

Branching: *well branched*

Main limbs: Very medium long short; Very (*medium*) slender
stout) Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping. *well branched*

Twigs: (*Many*) medium few; (*Medium slender*) stout; Long medium
short, Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (*many*) medium few; Very medium (*slender*) stout;
1/2 - (1 - 2 - 3 inch); Mostly branched unbranched;

Spur twigs: Few medium (*many*) (*Terminal bearing mostly*
considerable) slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

1928 growth is from 10" to 15" in length.

Illustrations:

Tree photographed *Neg. No. 46132*

Fruit painted *None*

Fruit modeled

Fruit described *None*

Disease notes by J. W. Roberts:

Notes 7/8/29 say nothing about keeping
qualities. Inference is that fruit was in
good physical condition. Fine grow,
tender, juicy, too acid for eating fresh,
loose richness, not better than fair in
quality. No account.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Early Cooper*

Orchard location: Section *5* Row *17-18* Tree *3*

Arlington Accession No. *6343*
Pen. No. 40523

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>7/20</i>	<i>101611</i>	1927 -	<i>8/4</i>	<i>109228</i>
1923 -	<i>7/31</i>	<i>103373</i>	1928 -		
1924 -	—	—	1929 -		
1925 -	—	—	1930		
1926 -	<i>7/28</i>	<i>107654</i>	1931		

Blossom dates: 1924 - *no bloom*
1925 - *4/15, 50% buds open; 7/20. little past full but still quite a good many buds.*
1926 - *4/30, 75% " "*
1927 -

Remarks: *Other varieties picked on same date in 1926 included Benoni, Early Edwards, Early Joe and All Summer. Scans received 3/13/08 - from private collection of W. H. Irwin at Eppingham*

Characterization: *Medium size, sometimes above, quite regular, smooth except for indistinct ribbing. Ground color varying shades of yellow from a rather pale to a slightly coppery cast sometimes slightly blushed. Stem rather long, medium stout to rather slender. Flesh white, but very slightly tinged yellow, very fine grain, tender, juicy, sprightly subacid, - meat too much so for eating fresh - fairly rich, better quality than many varieties of its season. A rather attractive apple when well grown.*

Storage notes:

9-14-28

Vigor of Tree: Exceptionally strong average ^(rather) weak Size:
 Exceptionally large average ^(small)

Foliage: Very (abundant) normal scanty. Leaves: Very large
 medium small, ~~markedly~~ Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat (spreading)
Central leader: (Partially retained disappeared)

Branching:

Main limbs: Very medium long short; Very (medium slender
 stout) Medium straight crooked.

Secondary limbs: Numerous (medium) few: Medium slender stout;
 Drooping.

Twigs: Many (medium) few; (Medium slender stout); Long medium
 (short) Straight branched twiggy; Medium open
 dense; Willowy.

Spurs: Very (many) medium few; Very medium slender (stout)
 1/2 - (1 - 2) - 3 inch; Mostly branched (unbranched);

Spur twigs: Few medium (many); Terminal bearing mostly
 considerable slight none

General aspect of tree: Medium slender open dense stocky
 grower; Top round much broader narrower than tall.

Lacking in thrift and vigor; light color of foliage noticeable

Illustrations:

Tree photographed Negs. Nos. 46133 & 49695

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

*Almost no 1928 growth
 no notes recorded as probable cause
 of condition of tree.*

Early Cooper (Cooper Early White)



Row 7

Tree /

(See acc. No. 6343, 5:17-18:3)

Also early Cooper.

not married

1926 ~

8/13

107851

3328 -

~~1328~~ -

$$\frac{10}{13}$$

108301

105096

1726
1929-

$$\frac{107}{113}$$

108480

1930

$$\frac{8}{12}$$

107/100

1937

1924

1925

1926

1927

Sciens from which these birds
supposedly were propagated
were received 2/4/03 from
Manhattan Ks. as Cooper
Early White. (acc. no. 4199)

240 question was recorded in
his ~~note~~ published on

regard to correct identity of lots picked
the Aug. dates. No notes of significance were
made on these specimens, except the lot picked
8/13/26. On 9/9 fruit presumably held in office since
8/13 was still tender, juicy, acidity too sharp for eating
out of hand but rather delicate, pleasant acid
characterization: other than its being too pronounced.

after than to being too pronounced.

The identity of both of the Oct. picked lots was questioned. Pam. No 108301 was characterized as Oct. 21 as medium size, yellow, same fruits showing a coppery blush; oblong conic to roundish conic; dots variable, scattered, brownish. Apex characterized as being yellow bellflower in form. Flesh yellowish, fine grain, tender juicy, mildly acid, fairly rich, pretty good but past season now. At present (10/42) this characterization of flesh is not far wrong for early Cooper, except lateness of date, but at time of examination I apparently definitely (over)

rejected the possibility of its being Early
Cooper. Suggested that because of
so many trees in the orchard having
been removed, a wrong location
had been given as the source
of these act. picked specimens.
Fateness of date of picking is definitely
against the variety being Early
Cooper, normally ripe here
in August.

Specimens of 108480 were described
as much like Yellow Bellflower in shape
and of medium size; apex especially like
that variety. Basin is shallow, much
ribbed and wrinkled with small but
well defined knobs on the rim about
the shallow basin. In general there are
5 fairly prominent knobs, with smaller ones
between each 2.

All the Aug. picked lots were from
E. 17:1 according to location given
with the specimens. The act. lots were
given as from E. 17-8:1. Tree in
Row 8 was evidently removed some
time earlier. Hence if there were
2 trees of Pan. No. 108301 and 108480
it is apparent that the wrong
location was given - which would
account for these lots not being
Early Cooper.

Second sheet, Variety

Early Cooper

213

Storage notes:

E. 7:1 acc no. 4199.

Specimens of No. 108301 were held in cold storage. After removal and being held in office refrigerator for several weeks, they were examined on Apr. 1, 1927. They had kept well except for shriveling. Texture was thin fine grain, very tender, quite juicy. Though a little flat, still pleasant and fairly good - all of which is against the variety being Early Cooper - normally in season in Aug.

Vigor of Tree: Exceptionally strong average (weak) Size:
" poor Exceptionally large average (small)

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very upright (roundish) broad flat (spreading)
Central leader: Partially retained disappeared.

Branching: well branched
Main limbs: Very medium long short; Very (medium) slender (stout) Medium straight (crooked)
Secondary limbs: Numerous medium few: Medium slender stout; Drooping.

Twigs: Many (medium) few; Medium slender stout; Long medium (short) Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many (medium) few; Very medium (slender) stout; 1/2 - (1) - 2 - 3 inch; Mostly branched unbranched;
Spur twigs: Few medium many; Terminal bearing mostly considerable slight none
well distributed on smaller branches + twigs.

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Stand next Dr. roadway on a ridge - very poor site, very poor growth.
Illustrations: Tree photographed

Fruit painted Several Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Early Edward*

Orchard location: Section *5* Row *17-18* Tree *4*

Arlington Accession No. *6344*
Pom. No. 40524

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>7/20</i>	<i>101599</i>	1927 -	—	—
1923 -	<i>7/30</i>	<i>103369</i>	1928 -	<i>8/1</i>	<i>110250</i>
1924 -	—	—	1929 -		
1925 -	<i>7/21</i>	<i>106464</i>	1930		
1926 -	<i>7/28</i>	<i>107655</i>	1931		

Blossom dates: 1924 - *5/2*, 40% buds open; *5/6*, little past full
1925 - *7/15*, 25% " " ; *7/20*, still few buds -
1926 - *7/30*, all center buds open very light bloom.
1927 - *8/20*, first bloom; *5/1*, 50% buds open.

Remarks: *Scions received 3/13/08 from private collection of W. N. Drwin, Eckington*

Small -
Characterization: *Regular, smooth, roundish slightly conic to a little oblate conic. Ground color yellow, pretty well overspread with bright red, very fine mottling and striping. Yellow color shows through the mottling giving effect of an apple not well colored; a light purplish bloom. Core, medium width and depth; stem 1/2" or less, slender. Basin rather shallow, medium width; calyx lobes usually large, sometimes small; eye open or closed depending mainly on size of calyx lobes. Flesh yellow, fine grain, very tender (perhaps somewhat overripe). 1926 - Aug 3 - a little locking in juice, mildly acid - in prime probably fairly rich - spec. have probably lost flavor from over-ripeness. (over)*

Aug 17/28. Noted as sharply acid until
fully ripe — then lacking in any
distinctive quality. Too small to be of value

Storage notes:

9-24-28

Vigor of Tree: Exceptionally strong (average) weak. Size:
 Exceptionally large (below average) small.

Foliage: Very ^{was} (abundant) normal scanty. Leaves: Very large
 medium (small); Color: Light dark normal.

Habit of Growth: ^{same of foliage of} Very upright roundish (broad flat spreading)
Central leader: Partially retained (disappeared)

Branching: Stocky - well branched
Main limbs: Very medium long short; Very medium slender
 stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
 Drooping. well branched

Twigs: Many (medium) few; Medium slender stout; Long medium
 short; Straight branched twiggy; Medium open
 dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout;
 1/2 - (1 - 2 - 3 inch); Mostly branched unbranched;
Spur twigs: (Few) medium many; Terminal bearing mostly
 considerable slight none

General aspect of tree: Medium slender open dense stocky
 grower; Top round much broader narrower than tall.

^{a fairly sturdy tree but not large in size}
 Illustrations:
 Tree photographed Neg. No 49696

Fruit painted several Fruit modeled

Fruit described several

Disease notes by J. W. Roberts:

Row 17. tree is more spreading
 and has a flatter top, than
 tree Row 18.

VARIETY APPLE ORCHARD
Arlington Farm

216

Variety:

Early Harvest

Orchard location: Section

A

Row

13-14

Tree

1

Arlington Accession No.

1829

Pom. No. 24247

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>7/10</i>	<i>101539</i>	:	1927 -		
1923 -	<i>7/6</i>	<i>103340</i>	:	1928 -		
1924 -	<i>7/23</i>	<i>105042</i>	:	1929 -		
1925 -			:	1930		
1926 -			:	1931		

Blossom dates:

1924

4/26, first bloom; 5/3, fast full

1925

4/13, 75% buds open.

1926

1927

Remarks:

No other data than that above

Scions from N.Y. Expt. Sta. 1902

Characterization:

Neg. No. 44746 - (poor tree)

Paintings - several

Description: # 6778

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Early Harvest* (see Remarks)

Orchard location: Section *I* Row *13* Tree *1*

Arlington Accession No. *5234* (see under Remarks below)

Pom. No. *apparently not recorded*

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>7/10</i>	<i>101540</i>	:	1927 -	<i>7/11</i>	<i>109166</i>
1923 -	<i>7/6</i>	<i>103338</i>	:	1928 -	<i>7/24</i>	<i>110181</i>
1924 -	—	—	:	1929 -		
1925 -	—	—	:	1930		
1926 -	<i>7/20</i>	<i>107601</i>	:	1931		

Blossom dates: 1924 - *5/2*, 90% buds open; *5/6*, little past full - light bloom.
1925 - *4/15*, 90% " " ; *4/20*, considerably past full.
1926 - *4/30*, 90% " "
1927 - *4/16*, 25% " "
1928 - *4/26*, 25% " ; *5/1*, 75% buds open.

Remarks:

#5234 should be *Early Ripe*, according to the records. The fruit (borne by this tree) was definitely not that variety, but appeared to be *Early Harvest* though in one or 2 seasons.

Characterization:

it evidently was not typical of that variety.

Medium size (more uniform in size than is common with *Early Harvest*); roundish conic, slightly irregular; ground color yellow, spots variable from inconspicuous, submerged to slightly raised, yellowish and rather conspicuous. Considerable russetting about stem. Flesh tinged yellow, fine grain, fairly tender, mildly acid, fairly rich with a slight tinge of wine flavor.

Second sheet, Variety *Early Harvest*

Storage notes: *I : 13 : 1* acc No. 5234

(This no. should be *Early Ripe* according to the records - but it is not that variety. See under Remarks - sheet 1)

10 - 31 - 28

Vigor of Tree: Exceptionally strong average (weak) Size: Exceptionally large average (small)

Foliage: Very abundant normal scanty. Leaves: Very large medium small: Color: Light dark normal:

mostly off

Habit of Growth: Very upright roundish (broad) flat (spreading)
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout; Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long medium short; (Straight) branched twiggy; Medium (open) dense; Willowy.

Spurs: Very many medium (few) Very medium (slender) stout; (1/2 - 1) - 2 - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium (many) Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender (open) dense stocky grower; Top round ~~much~~ broader narrower than tall.

A poor weak tree

Illustrations:

Tree photographed

Fruit painted *Several*

Fruit modeled

Fruit described *#6778*

Disease notes by J. W. Roberts:

Much curv knot or similar type of growth present. Possibly same disease has affected growth and vigor of tree.

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Early Joe

Orchard location:

Section

C

Row

13-14

Tree

4

Arlington Accession No.

3020

Perm. No. 24480

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>7/20</i>	<i>101607</i>	1927 -	<i>7/29</i>	<i>109211</i>
1923 -	<i>7/31</i>	<i>103374</i>	1928 -		
1924 -	<i>8/11</i>	<i>105805</i>	1929 -		
1925 -	<i>7/20</i>	<i>106482</i>	1930		
1926 -	<i>7/28</i>	<i>107656</i>	1931		

Blossom dates:

1924 - *5/1, 20% buds open*

1925 - *4/14, 50% " " ; 7/18, full bloom*

1926 - *4/29, 50% " "*

1927 - *Scions from Benj. Buckman, Farmingdale Ill. 1902*

Remarks:

As this variety developed at Arlington it was apparently not typical as a rule of the apple as described in the literature. In 1922 doubt was expressed as to whether the sample was correctly named. However, in other years, it was regarded as correctly named but certain variations

Characterization:

From type as usually described were noted. Below medium to small in size; slightly oblate, smooth, regular. Ground color yellowish nearly overspread with bright red with very little or no striping (herein differing from most descriptions). dots numerous, light colored, rather conspicuous; a whitish bloom. Flesh tinged yellow, fine grain, tender, juicy, mildly acid, rich; very good in quality. However in 1926 it was reported as flat and lacking richness while in 1927 it was called "very good." Its small size is against it.

Storage notes:

1-7-28

Vigor of Tree: Exceptionally strong average (weak) Size:
Exceptionally large average (small).

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially (retained) disappeared.

Branching: *Not many secondary branches but*
Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping. *Twig growth takes their place*

Twigs: (Many) medium few; Medium slender stout; Long medium *in part*.
short, straight branched twiggy; Medium open
dense; Willowy, *on secondary branches*

Spurs: Very many medium few; Very medium slender (stout);
1/2 - 1 (2 - 3 ⁴ inch) (Mostly branched) unbranched;
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

See below.
Illustrations:
Tree photographed *Neg. No. 47940*

Fruit painted *Several* Fruit modeled

Fruit described *# 6859*

Disease notes by J. W. Roberts:

Tree Row 13 is too poor to note.
" " 14 appears to be heavily infested
with crown gall - which may
account for its poor growth.
*Slow growth on the larger wood
is striking. Question if this is normal.*

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Early Richmond*

Orchard location: Section *7* Row *15-16* Tree *5*

Arlington Accession No. *4374*
Pom. No. 28454

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>7/18</i>	<i>101596</i>	1927 -		
1923 -	<i>7/14</i>	<i>103345</i>	1928 -		
1924 -	<i>—</i>	<i>—</i>	1929 -		
1925 -	<i>7/11</i>	<i>106465</i>	1930		
1926 -	<i>—</i>	<i>—</i>	1931		

*This record was for
Acc. No. 4379 (sp. 6771)
also Early Richmond.
all the other records were for No. 4374.*

Blossom dates: 1924 *This is sp. 6744*
1925 *June 19, 1901 through C. A.*
1926 *No bloom. Emerald, Victoria*
1927 *The scions used in propagating above trees
were cut from nursery in the flats. There appear as Pom. No. 21710*

Remarks: *No other data.*
*Blossoming dates - 1924: 5/2, 50% buds open; 5/6 full
1925: 4/15, 75% " " bloom - very light.
4/20, past full.*

Characterization: *1925 notes. Medium size, slightly
oblate conic; ground color yellow, - (self
colored), dots scattered, variable - some brownish,
others obscure whitish. Flesh yellowish,
moderately fine grain, fairly juicy, inclined
to be mealy especially if a little past prime,
rather sharply acid; fairly good quality.*

(over) (no 2d sweet)

Photo - 7: 17~~th~~:4. Neg. No. 446⁷³.

Painting - #106465

no description

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Early Ripe* (see Remarks)

Orchard location: Section *I* Row *13* Tree *2*

Arlington Accession No. *5235*
Pom. No. *Apparently not recorded*

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>7/10</i>	<i>101541</i>	1927 -	<i>7/19</i>	<i>109177</i>
1923 -	<i>—</i>	<i>—</i>	1928 -	<i>7/24</i>	<i>110183</i>
1924 -	<i>7/24</i>	<i>105040</i>	1929 -	<i>—</i>	<i>—</i>
1925 -	<i>—</i>	<i>—</i>	1930 -	<i>—</i>	<i>—</i>
1926 -	<i>7/20</i>	<i>107603</i>	1931 -	<i>6/29</i>	<i>112256</i>

Blossom dates: 1924 - *5/2* - still some buds but petals dropping.
1925 - *4/15*, past full bloom.
1926 - *4/30*, past full bloom.
1927 - *4/6*, 75% buds open - light bloom.
1928 - *4/8*, first bloom; *4/26*, 90% buds open;
Remarks: *5/1*, past full.

Acc. No. *5235* should be July *5/1*, past full.
(7 months of July), scions from acc. No. *1841* - which
was supposed to be - and presumably was - July. grafted
3/26/06

Characterization: Size medium, *2 1/2"* or better; oblate.
more or less ribbed, shallow depressions radiating
from cavity. Color of skin greenish until fully
ripe when it becomes yellowish (at least some seasons).
spots variable - some yellowish, slightly raised and
somewhat conspicuous, others whitish rather large,
submerged. Considerable russeting in cavity;
stem *3/4"* stout; flesh tinged yellow, grain a
little coarse, juice not abundant, sprightly acid,
until very fully ripe, rather lacking in richness,
fair only in eating quality; has good reputation
for cooking.
Core nearly closed; carpels large.

Second sheet, Variety

Early Ripe

223

Storage notes:

acc No. 5235. J:13:2.

11-2-28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large
medium small; Color: Light dark normal.

50% still remains on tree.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium (straight) crooked.

Secondary limbs: (Numerous) medium few: (Medium) slender stout;

(Slightly Drooping)

Twigs: (Many) medium few; (Medium) slender stout; Long (medium)
short; (Straight) branched twiggy; Medium open
dense: Willowy.

Spurs: Very many (medium) few; Very (medium) slender stout;
1/2 - (1 - 2 - 3 inch) (Mostly branched unbranched);

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: (Medium) slender open dense (stocky)
grower; Top (round) much broader narrower than tall.

A good many upright shoots and water sprouts from
both main and secondary limbs.

Illustrations:

Tree photographed

Fruit painted Several

Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Early Ripe*

Orchard location: Section *A* Row *13-14* Tree *2*

Arlington Accession No. *1830* (see acc No. 5235
Pom. No. 24248 *I:13:2. Also Early Ripe*)

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	—	—	:	1927 -	—	—
1923 -	<i>7/17</i>	<i>103350</i>	:	1928 -	—	—
1924 -	<i>7/23</i>	<i>105034</i>	:	1929 -	<i>7/1</i>	<i>110955</i>
1925 -	<i>7/1</i>	<i>106466</i>	:	1930 -	—	—
1926 -	—	—	:	1931 -	—	—

Blossom dates: 1924 *4/26, 25% buds open; 7/30. full bloom.*
1925 *4/3, full bloom - very light.*
1926
1927

Remarks: *No other data on this lot.*
See acc No. 5235. I:13:2. which
is also Early Ripe and data much
more complete.

Characterization: *Scions from N.Y. Expt. Sta. 1902*
(over)

3/4/26

Tree medium or above,
quite upright, a good
many secondary branches
and twigs; branching
normal.

(no 2d sheet)

photo-
neg. no. 44743

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Early Strawberry*

Orchard location: Section *D* Row *2* Tree *3*

Arlington Accession No. *3058*

Pom. No. 24466

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>7/19</i>	<i>101598</i>	:	1927 -	<i>7/22</i>	<i>109198</i>
1923 -	<i>7/25</i>	<i>103367</i>	:	1928 -		
1924 -	—	—	:	1929 -		
1925 -	—	—	:	1930		
1926 -	<i>7/21</i>	<i>107630</i>	:	1931		

Blossom dates: 1924 - *5/11*, full bloom - bloom very light.
1925 - *4/14*, " "
1926 - *4/30*, " "
1927 - *4/12*, 5% buds open.

Remarks:

Scions from. Benz. Buckman, Farmingdale, Ill. 1902

Characterization: *Small - not much larger than a good sized crab; roundish to slightly roundish conic, smooth, regular. Ground color yellow nearly all - overspread with bright red stripes making a very attractive looking apple. Stem notably long and slender. Flesh yellowish, a little coarse, fairly tender, fairly juicy - a little locking; sprightly to mildly acid depending on maturity. Fairly good - but in neither 1926 or 1927 when notes were made, was it as rich and high quality as it was expected to be. Calyx tube cylindrical; many seeds.*

Second sheet, Variety

Early Strawberry.

226

Storage notes:

1-10-28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright roundish) broad flat spreading.
Central leader: (Partially retained) disappeared.

Branching:

well branched
Main limbs: Very medium long short; Very (medium slender)
stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout;
Drooping. *well distributed*

Twigs: Many (medium) few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy. *well distributed throughout top*

Spurs: Very (many) medium few; Very (medium slender stout);
1/2 - (1 - 2 - 3 inch) (Mostly branched unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Five symmetrical true with secondary branches and
Illustrations: *twigs well distributed.*

Tree photographed Neg. No. 47975

Fruit painted *Several*

Fruit modeled

Fruit described [#] 6847

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

227

Variety: *Elstun* (see under Remarks)

Orchard location: Section *S* Row *17-18* Tree *5*

Arlington Accession No. *6345*

Pom. No. *40525*

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>10/25</i>	<i>102865</i>	1927 -	<i>9/21</i>	<i>109436</i>
1923 -	<i>10/8</i>	<i>104186</i>	1928 -	<i>9/28</i>	<i>110607</i>
1924 -	<i>10/4</i>	<i>105704</i>	1929 -		
1925 -			1930		
1926 -	<i>10/4</i>	<i>108194</i>	1931		
	<i>11/1</i>	<i>108677</i>			

Blossom dates: 1924 - *5/2*, full bloom; bloom light
Scions mixed
 3-13-08 from 1925 - *4/15*, 50% buds open; *4/20*, post full. only a few clusters
private collection of
W. N. Irvine 1926 - *4/30*, 40% " "
in Arlington 1927 - *4/22*, first bloom; *5/1*, 90% buds open.

Remarks: Specimens sent in with name variously spelled. Arlington records now (*1/22/42*) available are incomplete. Bul 56 lists a large yellow sweet apple spelled as above, which it is assumed is the variety here discussed.

Characterization: Good size to large, slightly oblong conic, especially larger specimens; regular, smooth except very slight ribbing. Skin color pale yellow, sometimes a little blushing or bronzing; more or less buttermilk overspread. Cavity deep, relatively narrow; stem *7/8*" slender; basin rather deep, rather narrow; calyx lobes exceptionally long, converging; eye rather large, closed. Dots variable; some minute, submerged, almost imperceptible; some dark brown ranging from minute to small breaks in the skin, slightly raised and conspicuous. Well developed specimens rather attractive. Flesh white or only slightly tinged yellow, usually somewhat coarse grain, but *13/8/28* described as very fine grained; rather breaking texture, somewhat lacking in juice, sweet, lacks richness; fair in quality (over)

Reported to be in season 11/15/26; only fair in quality. 10/14/24, in season, fairly rich, good. While 2 seasons are involved, question arises as to whether by mid-Nov. in 1926, the fruit had begun to lose flavor. Again Sept. 24, 1927 it was regarded not above fair in quality and lacking in too many characteristics to be of any particular value.

Storage notes: 1926 crop picked Nov. 1. Out of storage Apr 11/27. Exam Apr. 16. Very distinctly past its season. Not much decay when removed, but very extensive scald and breakdown quickly developed on removal. On 7/16 the fruit that held up was fine grain, juicy, distinctly sweet with a little astringency - almost a better-sweet in flavor. Only fair in quality.

1928 crop. Stored Oct 10. Out again 7/18/28. Still fairly firm with considerable body to flesh. Might have held up in storage somewhat longer, but at this time it was lacking in juiciness and only fair in quality.

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large (medium) small; Color: Light dark normal.

Habit of Growth: Very upright (roundish broad flat spreading) Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very medium long short; Very (medium slender stout) Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout; Drooping. Will be branched

Twigs: Many (medium) few; (Medium slender) stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many medium few; Very medium slender stout; (1/2 - 1) - 2 - 3 inch; Mostly branched unbranched;

Spur twigs: Few medium many; (Terminal) bearing mostly considerable (slight) none Mostly spur bearing

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. No. 49697

Fruit painted #105704 1/2 + 110607 Fruit modeled

Fruit described #11059

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Eusee*

Orchard location: Section *D* Row *23-24* Tree *2*

Arlington Accession No. *3372*
Don. No. 24595

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/7</i>	<i>102239</i>	1927 ..		
1923 -	<i>10/16</i>	<i>104046</i>	1928 -		
1924 -	—	—	1929 -	<i>1924, no bloom</i>	
1925 -	<i>9/12</i>	<i>106731</i>	1930	<i>1925, 4/14, 40% buds open;</i>	
1926 -	—	—	1931	<i>4/15, full bloom.</i>	

Blossom dates: 1924
scissors from
E. S. Cox 1925
Brodrick, 1926
Ohio, 1922
1927

In 1922 it was noted that if the variety was *Eusee*, it was picked about 2 months too soon; that is, it seemed to be entirely too immature for picking on that date.

Remarks: Again in 1925, it was noted that the specimens did not resemble Rome Beauty as closely as *Eusee* usually does. Further that the samples, though fairly well colored seemed on the date examined (9/16/25) rather immature.

Characterization: 1925-9/16. - Form roundish conic, fairly regular, ground color yellow, washed with bright red and indistinct striping. Bats moderately numerous, mostly light colored, but some brownish and raised, the light colored ones being depressed. Eye in many specimens suggest that of *Winesap*. Flesh tinged yellow, medium grain, rather firm, juicy, subacid; rather poor in quality.

Though queries were raised as to identity of this apple, notes for 1923 and 1925 indicate that it was regarded as correctly named. (no 2^d sheet over)

3/4/26

Tree considerable below
medium; rather small
slender main trunk,
and secondary branches;
not many spurs, not
many spurs; same
bark smooth.

Paintings: Several
descriptions: # 23080
33933

230

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Eritz (Crab)*

Orchard location: Section *G* Row *19-20* Tree *1*

Arlington Accession No. *6346*

Pom. No. 40526

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/8</i>	<i>102528</i>	1927 -	<i>9/21</i>	<i>109473</i>
1923 -	<i>9/5</i>	<i>103890</i>	1928 -	<i>9/28</i>	<i>110430</i>
1924 -	—	—	1929 -	<i>9/24</i>	<i>111249</i>
1925 -	<i>9/8</i>	<i>106732</i>	1930 -	—	—
1926 -	<i>{ 9/4 10/1</i>	<i>{ 108195 108393</i>	1931 -	<i>10/6</i>	<i>112327</i>

Blossom dates: 1924 — *2, first bloom; 5/6, full bloom*
 1925 — *4/15, 50% buds open; 4/20, 90% buds open.*
 1926 - *4/30, first bloom*
 1927 - *4/25 " " 5/1, 50% buds open*

Remarks:

One of the most acid and most astringent things in the apple line that can be named.

Specimens received 3/13/08 from private collection of W. H. Irwin in Eckington

Characterization:

Large for a crab - about 2" in diameter; roundish or slightly elongated, somewhat truncate somewhat suggesting Grimes Golden in form. Skin color greenish; dots numerous, whitish submerged, inconspicuous. Cavity varies from medium in depth and width to medium depth and abrupt, with tendency to furrows resulting from development of slight knobs at rim of cavity representing the segments of the fruit; stem varies from 1/2" to 1", slender. Flesh whitish, very firm and hard, fine grain. Tremendously acid and exceedingly astringent.

Second sheet, Variety

Eutz

23

Storage notes:

Crop 1927 out of storage 12/8/28 and
in office refrigerator until examined Jan. 19/28.
It has shriveled somewhat but not softened
otherwise. Still retained its high degree of
astringency.

9-10/28

Vigor of Tree: Exceptionally (strong) average weak. Size:
Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very (large)
(clean) medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad (flat) spreading.
Central leader: Partially retained (mostly disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium few; Medium (slender) stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many medium few; Very medium (slender) stout;
(1/2 - 1 - 2 - 3) inch; (Mostly branched unbranched)
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Trunk & some main limbs are rough but no
disease is apparent.
Illustrations:

Tree photographed

Fruit painted # 110430

Fruit modeled

Fruit described None

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

232

Variety: *Esopus*

Orchard location: Section *A* Row *14* Tree *3*

Arlington Accession No. *1831*

Don. No 24249

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102527</i>	1927 -	<i>9/23</i>	<i>109515</i>
1923 -	—	—	1928 -		
1924 -	<i>10/8</i>	<i>105599</i>	1929 -		
1925 -	<i>10/3</i>	<i>106937</i>	1930		
1926 -	<i>9/20</i>	<i>108196</i>	1931		

Blossom dates: 1924- *4/29, 20% buds open; 5/3, full bloom - bloom light.*
 1925- *4/13, 20% " " ; 4/16, " "*
 1926- *4/28, center buds open - very light bloom.*
 1927- *5/2, part full, some petals still retained.*

Remarks: *This variety does not develop at Arlington in a manner typical of the variety in the North or Northwest. As rule, color is rather poor, some seasons the finish is rough and flavor only slightly characteristic of the variety - at its best. Scions from N.Y. Exp. Sta. 1902*

Characterization: *Usually fairly good size for variety, roundish conic, regular (except for the usual ribbing). Ground color yellow, usually washed with dull faded red; often the wash is thin; sometimes it develops a fairly bright color. Dots numerous, variable, some slightly raised. Some large areolar surrounded by a rather conspicuous yellow ring; some of these areolar dots are minute cracks in the skin making a roughly finished coarse appearing fruit. Flesh yellowish, fine grain, crisp, breaking, medium juice, mildly acid, fairly good but characteristic aromatic spicy flavor is usually much diluted or lacking.*

Second sheet, Variety

Esopus

233

Storage notes: 1926 crop. stored 1/9. Out Jan 31/27
Exam 1/31/27. Most specimens have shriveled
slightly. otherwise have kept well. Flesh a little
tough because of shriveling. Fairly juicy, mildly acid,
spicily, rather rich, fairly good though not up
to standard of the variety. Specimens were held in
office refrigerator from Jan 31 to Feb 24/27. They
have then considerably wilted; fairly juicy,
with flavor characteristic of the variety. Fairly
well pronounced.

Vigor of Tree: Exceptionally strong average (weak). Size:
Exceptionally large average (small).

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading).
Central leader: Partially retained disappeared.

Branching: Trunk and limbs smooth - well branched.

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: (Medium slender stout)
Drooping.

Twigs: (Many) medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense: Willowy.

Spurs: Very (many) medium few; Very medium slender stout;
(1/2 - 1 - 2) - 3 inch; (Mostly branched unbranched).
Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

Lacking in vigor

Illustrations:

Tree photographed

Fruit painted Several

Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

234

Variety: *Evening Party*

Orchard location: Section *C* Row *7-8* Tree *5*

Arlington Accession No. *3005*

Pom. No. 24468

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>10/3</i>	<i>102770</i>	1927 -	<i>9/26</i>	<i>109516</i>
1923 -	<i>9/27</i>	<i>104112</i>	1928 -		
1924 -	<i>10/11</i>	<i>105603</i>	1929 -		
1925 -	<i>10/11</i>	<i>106999</i>	1930		
1926 -	<i>10/13</i>	<i>108303</i>	1931		

Blossom dates: 1924- *5/1, 90% buds open; 5/3, full bloom*
scions from
Berg. Buckman,
Farmington
Ill. 1902
 1925- *4/14, 75% " " ; 4/18, rest " "*
 1926- *4/29, 90% " "*
 1927- *4/12, 90% " " ; 5/2, still a few petals*

Remarks: *In 1925 it was noted that the trees in bloom were very attractive.*

Some specimens of this variety found one fall early in Nov. under the tree where they had been buried in the grass were about the finest in quality of any of the variety I ever sampled.

Characterization: *Size variable from medium to fairly large. Form also variable from slightly elongated, through round, to somewhat oblate. Typically lopsided. Sometimes halves unequal. Ground color pale yellow, nearly completely overspread with purplish or dark red, some indistinct striping; a heavy purplish bloom. Stems numerous ranging from yellow and inconspicuous, to fairly good size and more conspicuous; some slightly areole. Flesh yellow, fairly fine grain, tender, crisp and breaking when in prime condition, quite juicy, very mild subacid, rich; when in prime condition is especially high quality. If eaten when a little immature, it is flat and flavorless.*

Second sheet, Variety

Evening Party

235

Storage notes:

1927 Crop. Only storage 12/31/27

Exam. 1/4/28. In good condition so far as appearance goes but it is past prime eating condition. Texture is a little grainy though not mealy. Flesh is tender but possesses a peculiar adhesive quality. A little lacking in juice, very mildly acid with no characteristic flavor, yet pleasant and fairly good. Probably has lost flavor and crispness.

Vigor of Tree: Exceptionally strong average weak. Size:

See below Exceptionally large average small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading) Central leader: (Partially retained) disappeared.

1/7/28

Branching: well branched

Main limbs: Very medium long short; Very (medium slender stout); Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout; Drooping.

Twigs: Many medium few; Medium (slender) stout; Long medium short; Straight branched twiggy; Medium, open dense: Willowy, Many short spur-like twigs

Spurs: Very (many) medium few; Very (medium slender) stout; 1/2 - (1 - 2 - 3 inch); (Mostly branched) unbranched;

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall,

Illustrations:

Tree photographed

Neg. Nos. 42651 & 47936

Fruit painted

Several

Fruit modeled

Fruit described

44632

Disease notes by J. W. Roberts:

Trees reached good size but for the past several years the trunks and main limbs have been severely attacked by a canker-like development and the trees are much depleted. No annual growth to speak of. Future of trees very doubtful. The abundant twiggy growth and spurs on secondary limbs and small branches are striking. (over)

1921 - Aug. 10. Dr. Roberts noted that
bitter rot was present. No other
reference to this disease appears
in the records.

VARIETY APPLE ORCHARD
Arlington Farm

236

Variety: *Ewalt*

Orchard location: Section *A* Row *13* Tree *4*

Arlington Accession No. *1832*
Pom. No. 24250

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/29</i>	<i>102479</i>	1927 -		
1923 -			1928 -		
1924 -			1929 -		
1925 -			1930		
1926 -			1931		

Blossom dates: 1924 *4/29, 50% buds open; 5/3, full bloom.*
1925 *4/13, 25% " ; 4/16 "*
1926
1927

Remarks: *This record is the only one from Arlington Farm that is on file H.S. Scions from N. Y. Expt. Sta. 1902*

Characterization:

3/4/26 Tree medium size, upright spreading; trunk and branches smooth; branches secondary branches and twigs normal, not many spurs.
Reg. No. 44720
Paintings: several
Descriptions: several (no 2d sheet)

VARIETY APPLE ORCHARD
Arlington Farm

237

Variety: *Fallawater*

Orchard location: Section *CL* Row *15 - 16* Tree *1*

Arlington Accession No. *1834*

Prun. No. 24252

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/8</i>	<i>102526</i>	1927 ..		
1923 -	<i>9/27</i>	—	1928 -		
1924 -	<i>10/8</i>	<i>105678</i>	1929 -		
1925 -	<i>9/15</i>	<i>106789</i>	1930		
1926 -			1931		

Blossom dates: 1924 *4/26, first bloom; 5/3, still buds-petals falling*
 1925 *4/13, " " ; 4/16 full bloom.*
 1926
 1927

Remarks: *10/18/1924. It was noted that specimens were fine, large, well developed and characteristic of the southern type of the variety. I saw from N. Y. Sta. 1902*

Characterization: *1925 notes. Fair size for the variety but not as large as sometimes. Form is same. What more angular and more ribbed than usual, and more conic than is commonly the case. Skin color greenish with heavy overspread of buttermilk; a little bluish on some specimens, but not as much color as is commonly the case. Dots very variable in size, color and prominence. Some are quite large, light colored, submerged; others brownish and slightly raised. Flesh whitish, fairly fine grain, fairly firm, very mildly acid. Moderately good but not rich; a little water core. (no 2d sheet)*

3/4/26 Tree medium size, upright,
spreading. Branching
and spurs normal.

Photo -
Neg. no. 44747

Paintings: several

Descriptions: several

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Fall Chase

Orchard location:

Section

5

Row

5-6

Tree

5

Arlington Accession No.

6312

Don. No. 48476

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	—	1927 -	—	—
1923 -	<i>10/9</i>	<i>104125</i>	1928 -	—	—
1924 -	—	—	1929 -	—	—
1925 -	—	—	1930	—	—
1926 -	<i>9/24</i>	<i>108197</i>	1931	—	—

Blossom dates: 1924 - *3/2*, 50% buds open; *5/6*, full bloom - bloom light.
1925 - *4/15*, first bloom; *4/20*, 50% buds open.
1926 - *4/30*, " " " "
1927 - *4/25*, first bloom; *5/1*, 30% " "

Remarks: *Scions from W. N. Irwin 3/10/08 - from private collection in Eckington.*

Characterization: *1926 notes. Medium size, oblate. Ground color greenish yellow, lightly colored. Specimens nearly covered with red stripes, the ground color showing through to give the appearance of red being rather thin. Typically red would be bright. Dots fairly numerous, whitish or pale yellow, fairly conspicuous on the red, as on ground color. Cavities broad, fairly deep - a little like Rome Beauty cavity. Flesh yellowish, fairly fine grain, tender, fairly juicy, mildly acid, fairly rich, pretty good.*

Storage notes:

9/26/28

Vigor of Tree: Exceptionally (strong) average weak. Size:
 (moderately) Exceptionally large average small.

Foliage: Very (abundant) normal scanty, Leaves: Very large
 (Clean) (medium small); Color: Light dark normal.

Habit of Growth: Very (upright roundish ^{somewhat} broad flat spreading).
 Central leader: Partially (retained) disappeared.

Branching:

Main limbs: Very medium long short; Very medium (slender)
 Clean stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
 Drooping.

Twigs: (Many) medium few; Medium (slender) stout; Long medium
 short; Straight branched twiggy; Medium (open)
 dense; Willowy.

Spurs: Very many medium few; Very (medium slender stout)
 1/2 - (1 - 2) - 3 inch; Mostly branched unbranched;
 Spur twigs: Few medium many; Terminal bearing mostly
 considerable slight none

General aspect of tree: Medium slender open dense stocky
 grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed Neg. Nos. 47795 + 49684

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

1928 growth 6"-15",
 a fine symmetrical round top tree
 spurs plump and strong and look
 as if tree was productive but records
 indicate it never has borne much

VARIETY APPLE ORCHARD
Arlington Farm

240

Variety: *Fall Pippin*

Orchard location: Section *A* Row *15* Tree *2*

Arlington Accession No. *1835*

Pom. No. 24253

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/1</i>	<i>102481</i>	1927 -	<i>9/2</i>	<i>109333</i>
1923 -	—	—	1928 -		
1924 -	<i>9/15</i>	<i>105422</i>	1929 -		
1925 -	<i>9/14*</i>	<i>106790</i>	1930		
1926 -	<i>9/20</i>	<i>108198</i>	1931		

Blossom dates: 1924- *5/3*, full bloom - bloom light
1925- *4/13*, 20% buds open; *4/16*, full bloom
1926- *4/28*, center buds open.

1927 *Scions from N. Y. Sta. 1902*

Remarks: ** Specimens from Arlington in 1925 were discounted as being Fall Pippin, a mistake having apparently been made. It was a medium sized oblate to roundish-conic, greenish apple - somewhat suggesting Rhode Island Greening. If it was Fall Pippin the specimens for some reason were more oblate than normal.*

Characterization: *1926* 1927 notes: Size large, roundish, roundish conic, same slightly oblate; occasionally on approach to truncate. Skin collar, rather deep yellow where fully ripe, usually self-colored but sometimes a suggestion of blush. Dots numerous, variable, whitish, submerged, inconspicuous; others raised, some brownish. Considerable very fine leather cracking, especially about apex, cavity deep, medium width. Basin deep, rather broad, abrupt. Sepals long and pointed; eye large, mostly open. Flesh yellowish, fine grain, tender, fairly juicy, mildly acid, rather sprightly, fairly rich; good to very good. Probably few varieties superior in quality for its season. Prime using condition Oct 4/26 and Sept 8/27*

Storage notes:

9/13/27

Vigor of Tree: Exceptionally strong average weak. Size:

Looks healthy but is unduly small as are most trees in this section.
 Foliage: Very (abundant) normal scanty. Leaves: Very (large) medium small; Color: Light dark normal. Rather long.

Habit of Growth: (Very) upright roundish (broad) flat (spreading)
 low head Central leader: Partially retained disappeared.

Branching:

Main limbs: Very (medium long) short; Very medium slender stout; Medium straight crooked.

Secondary limbs: Numerous (medium) few: (Medium) slender stout; Drooping.

Twigs: Many (medium) few; Medium slender (stout); Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many medium (few) Very medium slender (stout) (1/2 - 1 - 2) - 3 inch; (Mostly branched unbranched);
 Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

See below

Illustrations:

Tree photographed

Fruit painted Several Fruit modeled

Fruit described Several

Disease notes by J. W. Roberts: Same leaf spot.

While the tree shows no disease, nor does it appear weak, it is surprisingly small; most of the trees in this particular area appear below normal in size. May be some crown gall, though it does not show. Fruit spurs are not numerous, but probably enough for a good crop.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Fall Swaar* (see under Remarks)

Orchard location: Section *5* Row *19-20* Tree *2*

Arlington Accession No. *6347*
Pom. No. 40527

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>8/3</i>	<i>102231</i>	1927 -	<i>8/15</i>	<i>109270</i>
1923 -	<i>8/20</i>	<i>103830</i>	1928 -	<i>8/14</i>	<i>110257</i>
1924 -	<i>8/29</i>	<i>105203</i>	1929 -		
1925 -	<i>8/7</i>	<i>106537</i>	1930		
1926 -	<i>8/27</i>	<i>107852</i>	1931		

Blossom dates: 1924 - *5/2*, full bloom. bloom very light.
serious overcast
3-13-08 1925 - *7/15*, part full bloom
from private
collection 1926 - *4/30*, 90% buds open.
W. N. Drury
in Arlington 1927 - *4/12*, 50% " "
1928 - *4/20*, first bloom; *4/25*, 20% buds open; *5/1*, full bloom.
Remarks: 1924 - *9/4* - "excellent specimens of the variety."

It seems probable that this is the apple discussed in Apples of New York under the name *Autumn Swaar*. *B. B. Bul.* recognizes *Fall Swaar*, with *Autumn Swaar*, apparently a different apple.

Characterization: *Medium to good size; roundish conical.*
to slightly oblate; skin color rather dull, not
very attractive yellow; dots conspicuous, large
irregular, sometimes stellate; smaller and more numerous about apex.
rustling in; stem medium, 5/8". basin medium;
calyx lobes medium, somewhat reflexed; eye
partially open; skin rather rough suggestive of Russet
type and quite typical in general of Swaar. Flesh
tinged yellow, tender, medium fine grain,
juicy, subacid, moderately rich, pleasant
bratty good. Aug. 17/27, noted as still bratty form - probably
picked a little early - Aug. 17/28, noted as then in good eating
(over)

condition. Flavor suggests Savaar.
Suggested as having merit for
home use. See Autumn Savaar
in Apples of New York

Second sheet, Variety

Fall Swaar

243

Storage notes:

9/11/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: (Good) Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright (roundish broad-flat spreading)
Central leader: Partially retained (disappeared).

Branching:

Main limbs: Very medium long short; Very (medium slender
stout) Medium straight crooked. *Especially smooth.*

Secondary limbs: Numerous (medium) few: (Medium slender) stout;
(Rather long) Drooping. *well branched*

Twigs: Many medium few; Medium slender stout; Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very many (medium) few; Very (medium slender stout)
(1/2 - 1) - 2 - 3 inch; Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

A fine open tree - clear and healthy.

Illustrations:

Tree photographed *Neg. No. 50735*

Fruit painted *#12926 & 106537* Fruit modeled

Fruit described *#12926*

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

Variety:

Fall wine (?)

Orchard location:

Section

A

Row

15-16

Tree

3

Arlington Accession No.

1836

Pom. No. 24254

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	8/19	102296	1927 -	9/2	109334
1923 -	9/3	103884	1928 -		
1924 -			1929 -		
1925 -			1930		
1926 -			1931		

Blossom dates:

1924 - no bloom
1925 - 4/13. 20% buds open; 4/16. past full.
1926 - no bloom

1927

Remarks:

Scion from N.Y. Expt. Sta. 1902
doubt was recorded in both 1922 & 1923 as
to the correctness of identity but in 1927 it
was considered correctly named but specimens
smaller than most of the paintings on file
show characterization below based on 1927 notes.

Characterization:

Medium size as below. smooth except
very slight ribbing. Fairly regular, slightly
oblate. Ground color yellow, pretty well
overspread with bright red and indistinct
stripes. Dots fairly numerous, small, yellowish
rather inconspicuous. Flesh yellowish, fine
grain, tender, fairly juicy, very mild subacid,
pleasant, good to very good. Nicely finished
and attractive but too small for commercial
purposes. Blossoming record suggests light
and irregular bearing.

Second sheet, Variety

Fall wine (?)

(see under Remarks, p. 1.)

245

Storage notes:

15/28

(fair)

Vigor of Tree: Exceptionally strong average weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat (spreading)
Central leader: Partially retained disappeared.

Branching: well branched - smooth.

Main limbs: Very medium long short; Very medium slender
stout; Medium straight crooked.

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium few; (Medium slender stout); Long medium
short; Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium slender stout;
(1/2 - 1) - 2 - 3 inch; (Mostly branched unbranched);
Spur twigs: Few medium (many) Terminal bearing mostly
considerable slight none

General aspect of tree: Medium slender open dense stocky
grower; Top round much broader narrower than tall.

A large bulge appears below union - (see below)

Illustrations:

Tree photographed Neg. No. 47878

Fruit painted several

Fruit modeled

Fruit described several

~~Disease notes by J. W. Roberts:~~

Uncertain whether this bulge is
due to crown gall or an over-
growth of the stock.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: Fameuse
Conn. No. 24255

Orchard location: Section A Row 15-16 Tree 4

Arlington Accession No. 1837

Year -	Date Picked	Pomology Number :	Year -	Date Picked	Pomology Number
1922 -	9/1	102488 :	1927 ..		
1923 -	9/27	104123 :	1928 -		
1924 -	9/15	105442 :	1929 -		
1925 -	9/15	106018 :	1930		
1926 -	—	(or 106818) : not clear which.	1931		

Blossom dates: 1924 4/9, 30% buds open; 5/3, past full.
1925 4/13, 25% " " 4/16, " "
1926
1927

Remarks! Specimens were "OK'd" in 1922 but were so atypical in 1923 that very definite doubt was expressed as to correctness of name. At the best specimens were atypical compared with northern grown fruit of Fameuse, scions from N. Y. Agr. Sta. 1902

Characterization:
1924 - Fruit fairly good size for the variety. Practically a solid red overspread with suggestion of leather cracking about apex. Has color of flesh, aroma, and other characteristics of Fameuse of the North but in a less pronounced degree - especially flavor than Fameuse from North. In 1925, while considered correctly named, specimens had little to suggest the variety except color of flesh, good size for Fameuse, but an atypical shade of red skin color, flesh tougher and lacking in typical flavor in large degree, still a pleasant apple (over) (no 2d sheet)

3/4/26

Tree trunk medium, spread
of top above medium.
Good clean healthy tree;
upright, roundish, spreading.
Secondary branches and
twigs rather slender;
branching, twigs and
spurs normal.

Neg. No. 447 2/
Paintings - several.
Descriptions: several

VARIETY APPLE ORCHARD
Arlington Farm

247

Variety: *Family*

Orchard location: Section *A* Row *16* Tree *5*

Arlington Accession No. *1838*

Form. No. 24256

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>9/23</i>	<i>102316</i>	:	1927 ..		
1923 -	<i>9/13</i>	<i>103917</i>	:	1928 -		
1924 -	<i>9/23</i>	<i>105491</i>	:	1929 -		
1925 -	<i>9/16</i>	<i>106791</i>	:	1930		
1926 -	-	-	:	1931		

Blossom dates: 1924- *4/26*, 25% buds open; *4/29*, full bloom
1925- *4/14*, a little past full - petals falling.
1926- *4/28*, full bloom.
1927- *Scion from N.Y. Sta. 1902*

Remarks: In 1922, the notation "not correct" was written on the specimen card. In subsequent years it was apparently assumed that specimens were correctly identified on basis of description on file of specimen from J.W. Kerr, Denton, Md.

Characterization: *Family* is like anyway. It was ruled in 1924 that the description given was quality as "good to very good" - which it was noted "is probably not an overestimate."

Characterization: Medium size or above, fairly regular except for ribbing, though with some tendency to lobedness. Ground color yellow nearly completely overspread with red striping, ~~not~~ *with* variable numerous on some fruits, scattering on others - light colored and submerged to brownish and raised. In 1924, a heavy overspread of lenticles, not mentioned in 1925. Flesh white, texture a little coarse, (over)

tender, fairly juicy, subacid, pleasant
with a somewhat characteristic flavor
fairly good. A little red staining in
the flesh directly beneath the skin
in some specimens.

9/21/23 - overripe on this date

10/4/24 - a little overripe on this date.

Descriptions on file give quality
as "good to very good."

Storage notes:

1/6/28

Vigor of Tree: Exceptionally strong average (weak) Size!
 Exceptionally large (less than average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
 medium small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching: Absence of branches gives a "leggy" appearance.

Main limbs: Very medium long short; Very (medium) slender
 stout; Medium straight crooked.

Secondary limbs: (Numerous) medium few; Medium slender stout;
 Drooping. but small on outer parts of limbs;

Twigs: Many medium few; Medium slender stout; Long medium
 short; Straight branched twiggy; Medium open
 dense; Willowy. outer parts of tree

Spurs: Very (many) medium few; Very medium slender (stout);
 (1/2 - 1 - 2) - 3 inch; (mostly branched) unbranched;
 Spur twigs: Few medium many; Terminal bearing mostly
 considerable slight none

General aspect of tree: Medium slender open dense stocky
 grower; Top round much broader narrower than tall.

(See below)

Illustrations:

Tree photographed

Neg. No. 47868

Fruit painted (2) #101097 - but made gear apart. Apparently mistake
 Fruit modeled — no. 0712 paintings

Fruit described #5227 (or 6227) - 41567

Disease notes by J. W. Roberts:

General lack of thrift - is evident. At same
 previous time, badly girdled by mice.
 Practically no terminal growth -
 spurs terminating all twigs &c.

VARIETY APPLE ORCHARD
Arlington Farm

249

Variety: *Fanny(?)*

Orchard location: Section *A* Row *17-18* Tree *1*

Arlington Accession No. *1839*

Pom. No. 24257

Year -	Date Picked	Pomology Number	:	Year -	Date Picked	Pomology Number
1922 -	<i>7/26</i>	<i>101631</i>	:	1927 -	<i>8/4</i>	<i>109229</i>
1923 -	<i>8/14</i>	<i>103431</i>	:	1928 -		
1924 -	<i>—</i>	<i>—</i>	:	1929 -		
1925 -	<i>7/28</i>	<i>106515</i>	:	1930		
1926 -	<i>8/9</i>	<i>107853</i>	:	1931		

Blossom dates: 1924 - *4/26*, first bloom; *5/3*, past full - very light bloom.
 1925 - *4/3*, 90% buds open
 1926 - *4/28*, 75% "
 1927 - *4/11*, first bloom.

Remarks: This variety and Ruby Gem 7:17-18:3 were considered identical - with belief expressed in 1925 that the variety was not Fanny but Ruby Gem. In 1927, it was considered Fanny - not Ruby Gem. What was it?

Characterization: *Scions of Fanny from U. of Sta. 1902.*
 No characterization was made - probably because of the uncertainty of identity of the variety

Second sheet, Variety

Fanny(?)

250

Storage notes:

8/11/26

Vigor of Tree: Exceptionally strong ^(Below) average weak. Size: Exceptionally large average (small)

Foliage: Very (abundant) normal scanty. Leaves: Very large medium (small); Color: (Light) dark normal.

Habit of Growth: Very (upright roundish broad flat spreading) Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender) stout; Medium straight crooked.

Secondary limbs: (Numerous) medium few: Medium slender stout; Drooping.

Twigs: (Many) medium few; (Medium slender) stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many medium (few) Very medium (slender) stout; 1/2 - (1 - 2 - 3 inch) Mostly branched unbranched; Spur twigs: Few medium many; (Terminal bearing mostly considerable (slight) none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations:

Tree photographed

Rather weak. Location is satisfactory

Neg. No. 47860

Fruit painted

Several

Fruit modeled

Fruit described

Several

Disease notes by J. W. Roberts:

Leaves show leaf hopper and red spider effect.

VARIETY APPLE ORCHARD
Arlington Farm

251

Variety: *Ferdinand*

Orchard location: Section *A* Row *17-18* Tree *2*

Arlington Accession No. *1840*

Rom. No. 24258

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	—	1927 -	<i>9/23</i>	<i>109517</i>
1923 -	—	—	1928 -		
1924 -	<i>10/28</i>	<i>105949</i>	1929 -		
1925 -	<i>10/3</i>	<i>107000</i>	1930		
1926 -	<i>9/20</i>	<i>108199</i>	1931		

Blossom dates: 1924 - *4/26*, first bloom; *5/3*, still few buds; petals dropping
 1925 - *4/13*, 90% buds open.
 1926 - *4/28*, 50% " "
 1927 - *4/12*, first bloom.

Remarks:

Fruit checked pretty well with description of variety in Apples of New York.
 Scions from N.Y. Agr. Soc. 1902

Characterization: Roundish-conic.
 Skin color rich golden yellow - at its best;
 Heavy coarse russet about cavity; same seasons considerable overspread of russet. Basin, apex and eye suggest Winter Banana somewhat.
 Dots variable. Numerous and minute about apex but on sides, many raised, irregular russet dots, large and conspicuous. Some leather cracking - more same seasons than others making more or less coarse finish depending on amount and character of russeting.
 Sometimes finish suggests Sweet. Flesh slightly tinged yellow, very fine grain. Tender, fairly juicy, (over)

mild subacid; quality variable; sold
as fairly good one season; in another
as lacking richness and only fair
in quality.

In season 10/13/25

Second sheet, Variety

Ferdinand

Storage notes: 1927 crop. out of storage 1/5/28.

Exam. 1/9/28. Prime eating condition. Very fine grain, tender, fairly juicy, mild subacid. Pleasant but rather flat; hardly good in quality.

9/13/27

Vigor of Tree: Exceptionally strong (Below average) weak. Size: Exceptionally large (average) small.

Foliage: Very abundant normal scanty, Leaves: Very large

(medium) small; Color: (Light) dark normal. Scanty now, many leaves on ground, many yellow, some cut off.

Habit of Growth: Very (upright roundish) broad flat spreading.

Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium (long) short; Very (medium) slender stout; Medium straight crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout; Drooping.

Twigs: Many (medium) few; (Medium slender stout); Long medium short; Straight branched (twiggy); Medium open dense; Willowy, Short on small limbs giving a twiggy appearance to top.

Spurs: Very many (medium) few; Very medium slender stout; 1/2 - 1 - 2 - 3 inch; (Mostly branched unbranched)

Spur twigs: (Few) medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Illustrations: Appears only moderately vigorous. Leaves, yellow and drooping give an withered appearance - perhaps not typical.

Tree photographed Neg. No. 47877

Fruit painted #105949

Fruit modeled

Fruit described None

Disease notes by J. W. Roberts:

considerable leaf spot. Main limbs rough - scaly, suggesting some bark disease.

VARIETY APPLE ORCHARD
Arlington Farm

253

Variety: *Fink (?) - may be Nero.*

Orchard location: Section *E* Row *7-8* Tree *3*

Arlington Accession No. *4201*

Ben. No. - none

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -			1927 ..		
1923 -			1928 -		
1924 -			1929 -		
1925 -			1930		
1926 -			1931		

*Scions of this acc.
No -, according to records
were reviewed as Fink
2/14/03 from the Kans.
Expt. Station at Manhattan.*

Scions from Kans. Agr. Coll. Manhattan, Ks. 2/14/03

Blossom dates: 1924

1924- 7/25% *und open*

5/6, full 1925

1925, 7/14, 20% *very upst*

7/20, 75% 1926

1927

Remarks:

*There was so much uncertainty
about the identity of this apple
that the data are file under
this name are of no importance
or value. Reference is here made
to it for the purpose only of accounting
for the acc. no. and the position in the
orchard.*

*In 1922 the notation was made that the
specimens were not Fink. In 1923, before
was recorded that specimens were that variety - and*

Characterization:

*different from those sent under name
Fink in 1922. In 1925, specimens were
presumed to be OK. but in 1926, specimens
were pronounced as undoubtedly Nero.*

*Scions supposedly of Fink - acc. No. 4201,
were received 2/14/03 from the Kansas
Experiment Station Manhattan Kansas.*

See record under Nero. (No 2d sheet)

(over)

3/1/26

Tree medium size or below,
upright spreading; main
limbs and secondary
branches rather slender;
twigs moderately numerous
and slender. bark
is rather light green
in color.

Paintings: # 38.182
60315

Descriptions. Several

Pam. No. 8593 records the receipt
on 3/18/95 of apples under name fruit
from J. H. Masten, Nebraska City,
Nebr. with statement: "One fine
best keeper and a good bearer".

VARIETY APPLE ORCHARD
Arlington Farm

254

Variety: *Fletcher Russet*

Orchard location: Section *J* Row *17-18* Tree *1*

Arlington Accession No. *8192*

Pom. No. 46391

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>10/10</i>	<i>102788</i>	1927 -	<i>9/9</i>	<i>109437</i>
1923 -	<i>9/20</i>	<i>104050</i>	1928 -	<i>9/8</i>	<i>110403</i>
1924 -	<i>9/7</i>	<i>105269</i>	1929 -		
1925 -	<i>9/17</i>	<i>106820</i>	1930		
1926 -	<i>9/24</i>	<i>108305</i>	1931		

Blossom dates: 1924- *5/2, 90% buds open; 5/6, little past full*
See over for source. 1925- *4/15, 50% " " 4/20, past full and still many unopened fruit buds - a strange case*
 1926- *5/1, 90% " " ; petals begin- to fall (5/1)*
 1927- *4/16, 25% " " but some buds not open.*
 1928- *4/26, 25% " "*
 Remarks: *All of the fruit and orchard records beginning at least as early as 1922 listed this variety as Fletcher Russet. Acc. No. 8192 is definitely Fletcher Russet.*

Characterization:

Good size, roundish conic to slightly oblate conic, regular, sometimes slight ribbing; ground color yellow, highly russeted. Pits scattered, yellowish, not conspicuous, same brownish nearly concealed by the russet. Core medium, a little abrupt in some fruits; stem about 3/4" medium; Basin medium, very regular, broad at base. calyx lobes moderately large, converging, eye very large and usually open but mostly closed in some specimens; (pleasantly subacid) sprightly, fairly rich good. Flesh yellowish, fairly fine grain, considerable body, a bit tough, usually fairly juicy. mild subacid sprightly, pretty good.
9/23/27 too immature for full quality reading.

Box. No. 46391 records receipt 3/10/10
seems of Fletcher Russett
Geo. V. Fletcher, Belmont,
Mass. [query is this apple
named by him for himself?]

Storage notes: 1926 crop. Out of storage Jan 31/27.

Offine refrigerator till Exam 7/24/27. Fruits wilted and spongy. Texture fine grain, under quite juicy, apparently lost flavor, but still a fairly good apple.

1927 crop. Out of storage Dec. 7/27. Exam Dec. 8/27

Has kept well; very little shriveling. Texture is a little grainy, tender, quite juicy, rather sprightly subacid, sharp enough to leave a biting sensation on tongue. Perhaps a little past prime. Suggested that the grainy texture may be result of over maturity. Biting sensation from acidity not

Vigor of Tree: Exceptionally strong (average) weak. Size: ^{elsewhere} mentioned.
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large medium small; Color: Light dark normal. 75% fallen

Habit of Growth: Very upright (roundish broad flat spreading)
Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very (medium) long short; Very (medium) slender stout; Medium (straight) crooked.

Secondary limbs: Numerous (medium) few; (Medium) slender stout; Drooping.

Twigs: Many (medium) few; (Medium) slender stout; Long (medium) short; (Straight) branched twiggy; (Medium ~~open~~ dense) Willowy.

Spurs: Very many (medium) few; Very medium slender stout; (1/2 - 1 - 2 - 3 inch) Mostly branched (unbranched)

Spur twigs: (Few) medium many; Terminal bearing mostly considerable slight none

General aspect of tree: (Medium) slender open dense (stocky) grower; Top (round ~~much broader narrower~~ than tall) slightly

Illustrations:

Tree photographed

Reg. Nos. ~~49001-4~~ 49687

Fruit painted #110403, 109437. Fruit modeled

+ 45674

Fruit described #45674

Disease notes by J. W. Roberts

Not a very good type of tree on whole.
Some cankers on main limbs.
Good many watersprouts on the limbs.

Variety Apple Orchard
Arlington Farm

256

Variety: Florence (crab)

Acc. No. 4728. F: 25-26: 4.

This was apparently correctly
named though notes very fragmentary.

Pom. No. ~~not in acc. card~~ seeds from Berlin &
nur. Co, Center Point, La. 3/2/05

Variety: Florence?

Acc. No. 3099. D: 13-14: 2

Incorrectly named - not identified.

seeds - Neg. No. 44740
Pom. No. 24564. Seeds from L. R. Taft,
Mich. Agr. Coll. East Lansing, Mich. 1902

Variety: Florence?

Acc. No. 4728. K: 20: 4

Not Florence apparently, even
though Acc. No is same as first
lot which was considered as
probably OK. seeds of Florence apple received
3/29/12 from Geo. T. Lincoln, Bentonville
Ark. Since planted in Sec K.
this may be this variety -
Pom. No. 55949

Paintings: # 26168

56142 (2)

85951

11979

101102

} crabs

No description

VARIETY APPLE ORCHARD
Arlington Farm

257

Variety: *Flourace (Crab)*

Orchard location: Section *7* Row *25-26* Tree *4*

Arlington Accession No. *4728*
Pom. No. Apparently not recorded

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>7/24</i>	<i>101618</i>	1927 ..		
1923 -	—	—	1928 -		
1924 -	—	—	1929 -		
1925 -	<i>7/29</i>	<i>106576</i>	1930		
1926 -	—	—	1931		

Blossom dates: 1924 *4/20, first bloom; 5/6, considerably past*
1925 *4/15, considerably past full - few clusters*
1926
1927

Remarks: In 1925 noted that specimens were apparently correctly named, although the stem varies from about $\frac{1}{2}$ " to 1" or more, averaging about $\frac{3}{4}$ ". Apper. of New York calls for a long stem otherwise Busch's description fits these specimens.

Characterization:

3/13/26 Tree upright with drooping secondary branches; twigs and spurs not much; main limbs stocky at intervals - may have been headed back sometime.

Scions of *Flourace Crab*. Pom. No. 24544, Acc. No. 3075 were received from Stark Bros. Lawrence, Mo. 3/31/02 but apparently no record of fruit produced from them. No 2. shell

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Flory*
Orchard location: Section *D* Row *15-16* Tree *3*

Arlington Accession No. *3105*
Pom. No. 24565

Year -	Date Picked	Pomology Number :	Year -	Date Picked	Pomology Number
1922 -	<i>8/19</i>	<i>102291</i>	1927 ..		
1923 -	<i>9/21</i>	<i>104051</i>	1928 -		
1924 -	<i>9/13</i>	<i>105379</i>	1929 -		
1925 -	<i>9/9</i>	<i>106733</i>	1930		
1926 -	—	—	1931		

Blossom dates: 1924 ~~*4/16, post full bloom*~~
scans from
Prof. L.R. Taft 1925 ~~*7/3, post bloom*~~
Mich. Agr. Coll.
East Lansing 1926 ~~*4/25, first bloom; 7/2, full bloom - very light*~~
*Mich. 1902 ** 1927 ~~*5/4, 6 1/2 buds open; 7/8, post full.*~~

Remarks: *Data fragmentary and very incomplete*

Acc. No. 11663, K: 17-18:1, yellow
Silifflower. Received as scans 3/28/12
Pom. No. 55904 was identified in 1923
Characterization: *as Flory. Spec. were picked*
Record of 1925: 9/3/23. No other orchard record of
*Typical, fine specimens. this number. Scans from Silifflower **
Gordon Sargentwell H.J.

Good size, regular except indistinct ribbing.
Oblong conic. Skin color yellow.
Dots numerous, very slightly raised, suggesting
very slight pimples. Flesh tinged yellow,
fairly fine grain, a little tough, only moderately
juicy, subacid, rather sharply acid till fully ripe,
rather flat, rather poor quality, but
attractive in appearance. (over) (no 2d sheet.)

3/4/26.

Tree above average size,
strong, sturdy; upright
spreading; top irregular
looking symmetry; main
branches stocky, secondary
branches mixed; many
twigs and spurs on secondary
branches and twigs.

Photos.

Neg. nos 42649
44735

Painting: 32806

Descriptions: Several

Source.

Apparently receipt from
Prof. Taft for these seeds is OK.
Silvanus Gordon may have
sent seeds of the variety also
but they apparently do not
show in the fruit records.

VARIETY APPLE ORCHARD
Arlington Farm

257

Variety: *Isote*

Orchard location: Section *B* Row *19-20* Tree *4*

Arlington Accession No. *6349*

Pom. No. 40529

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/6</i>	<i>102504</i>	1927 -	<i>9/6</i>	<i>109381</i>
1923 -	<i>10/8</i>	<i>104205</i>	1928 -	<i>9/27</i>	<i>110632</i>
1924 -	<i>10/8</i>	<i>105705</i>	1929 -		
1925 -	<i>9/21</i>	<i>106819</i>	1930		
1926 -	<i>10/4</i>	<i>108306</i>	1931		

Blossom dates: 1924 - *5/2*, 90% buds open; *5/6*, little past full - *very light bloom*.
1925 - *4/15*, first bloom; *4/20*, past full.
1926 - *4/30*, 90% buds open.
1927 - *4/25*, first bloom; *5/1*, 90% buds open

Remarks: *Seeds received 3/13/08 from W. H. Irwin's private collection in Eckington.*

Characterization: *Medium size, smooth, regular, slightly oblate conic. Very attractive when well finished as it was some seasons at Arlington. Ground color yellow, usually heavily striped with bright red, sometimes stripes merging into a solid wash with only indistinct stripes. Some seasons a heavy overspread of buttermilk, other, small amount of gray flecks only. Core very medium, some russetting, stem $\frac{3}{4}$ " slender. Basin rather shallow, moderately broad. Calyx lobes converging; eye medium, closed. Bots few, yellowish, inconspicuous. Flesh yellowish, fine grain, tender, moderately juicy, too acid for pleasant eating, and hard. Quality variable - moderately rich to locking; fairly good to good to very good; and poor and of storage.*

Second sheet, Variety

Foster

260

Storage notes: 1926 crop. - picked 10/4. Held in office refrigerator until Jan 4/27. Kept fairly well though now somewhat shriveled. Probably now past prime - fairly good with no characteristic flavor.

1928 crop. In storage 10/2; out 1/4/29. Exam 1/7/29. No definite comment on condition - but still too sharp acid for pleasant eating - lacks richness - distinctly poor quality.

Vigor of Tree: Exceptionally strong (average) ^{on better} weak. Size: Exceptionally large (average) small.

Foliage: Very (abundant) normal scanty. Leaves: Very large (medium) small; Color: Light dark normal.

Habit of Growth: Very (upright) roundish broad flat ^(slight) spreading. Central leader: Partially ^{mostly} retained, disappeared.

9/24/28

Branching: *well branched*

Main limbs: Very medium long short; Very medium (slender) stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping. *well branched - clean*

Twigs: Many (medium) few; (Medium slender) stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy.

Spurs: Very many (medium) few; Very medium slender stout; 1/2 - (1 - 2) - 3 inch; Mostly branched unbranched; Spur twigs: (Few) medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much broader narrower than tall.

Sand open type - well and abundantly branched
Illustrations: (see below)

Tree photographed

Fruit painted #133754/108306 Fruit modeled

Fruit described *none*

Disease notes by J. W. Roberts:

Row tree #19 is a small weak tree decidedly lacking in thrust and vigor. Apparently got a poor start for some reason. These notes apply to Row tree #20.

VARIETY APPLE ORCHARD
Arlington Farm

Variety: *Freguier Rouge* (French Crab)

Orchard location: Section *G* Row *19-20* Tree *5*

Arlington Accession No. *6350* (The Pom. entry is *Freguier Rouge*)
Pom. No. 40530

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	—	—	1927 -	<i>9/6</i>	<i>109336</i>
1923 -	<i>9/16</i>	<i>104034</i>	1928 -	<i>9/27</i>	<i>110431</i>
1924 -	—	—	1929 -	<i>8/26</i>	<i>111111</i>
1925 -	<i>9/5</i>	<i>106734</i>	1930 -	—	—
1926 -	<i>9/7</i>	<i>107911</i>	1931 -	—	—

Blossom dates: 1924 - *7/6*, 20% buds open. very light bloom.
serious record
3/13/08 from 1925 - *7/20*, 20% " " (see over)
private collection
W. N. Brown 1926 -
Eckington 1927 - *7/25*; trees practically bare; 3/ leaf buds just starting (apparently long backward in 1928)!

Remarks:

In 1923, it was noted that the fruit in exterior resembles considerably *Common Pearmain*, and is about same size.

(Uncertainly as to what *Freguier Rouge* should be like.

See Caldwell: *GA R.* Vol. 36 No. 5, March 1, 1928. be like.
Characterization: *Composition of Am. grown French Cider*
same uncertainty as to what the variety should be like but *apples &c*

following summary notes made from year to year.

In 1923 it was likened in appearance to *Common Pearmain* as stated above. In 1925, the specimens appeared to possess no suggestion of crab characters — (as commonly conceived). Apparently quite variable from season to season. Above medium size, roundish conic, sometimes slightly oblong; some seasons some specimens are slightly oblate. Mostly regular except indistinct ribbing sometimes; some specimens halves are unequal. Ground color yellow, largely overexposed with light to bright red and indistinct stripes.
(continued on inverted sheet)

Blossom records for 1925 and subsequently
are confusing - or confused - because of
lack of detail including certain dates
that should have been made very specific.
Under 1925 - but no monthly date given
it was noted that: Tree Row 19 - terminal
leaf buds just breaking - no bloom.
Tree Row 20 - buds in pink cluster
bud stage with leaves about bud clusters
 $1\frac{1}{2}$ " long. Also - that a tree with no blossom
buds as 19, makes a very different
appearance from one like 20 heavily
and uniformly set with fruit buds.
On 4/20/25 with same buds as 20
fully open it was noted that the
outer petals were very red.

Some notes were made in 1927
which appear to indicate that full
bloom was on 4/31; that the blossoms
fully expanded were very large
and white; that on 4/2 only a
few petals had fallen.

262 Tropaeum Range

Characterization (continued)

Dots numerous - variable - some depressed and inconspicuous except where they show through light red as minute light colored dots or specks; some are rather large, areoles; sometimes many dark irregular breaks in the skin making a coarse finish, but for all this a rather attractive appearing fruit. Cavity narrow, medium depth, stem $\frac{1}{2}$ " or less, fleshy; a little tipping in cavity not uncommon. Basin medium; calyx lobes rather long, converging; eye closed. Flesh yellowish. Fine grain fairly firm, crisp, nearly if not quite sweet. Flavor varies from season to season - possibly due in part to degree of maturity at which sampled. One season said to be (described as) somewhat characteristic but rather flat, with nothing to suggest crab and no apparent value as an apple. In 1923, it had a good deal of "pucker". In 1926 it was sweet, fairly rich, with just enough tannin to be pleasant. "It is a sweet apple that is not flat and is sufficiently characteristic in flavor to be a little more than 'just another sweet apple'." "Doubtless unknown but merits attention." A little water coring. In 1927 astringency was too pronounced to be pleasant.

Second sheet, Variety

Fragaria Range

263

Storage notes: 1926 - specimens probably held in office refrigerator. Oct. 9. Specimens have practically all broken down. Even in those having nearly normal exteriors in appearance the flesh is browned and dead. Some specimens have decayed.

9/26/28

Vigor of Tree: Exceptionally strong (average) weak. Size: Exceptionally large (average) small.

Foliage: Very abundant (normal) scanty. Leaves: Very large (medium) small; Color: Light dark normal.

Habit of Growth: Very upright roundish (broad) flat (spreading) Central leader: Partially retained (disappeared)

Branching:

Main limbs: Very medium long short; Very (medium slender) stout; Medium straight crooked.

Secondary limbs: Numerous medium few; Medium slender stout; Drooping, well branched

Twigs: Many (medium) few; Medium slender stout; Long medium short; Straight branched twiggy; Medium open dense; Willowy, well distributed throughout tree

Spurs: Very (many) medium few; Very (medium slender stout) 1/2 - (1 - 2 - 3 inch) Mostly branched (unbranched)

Spur twigs: Few medium many; Terminal bearing mostly considerable slight none

General aspect of tree: Medium slender open dense stocky grower; Top round much (broader narrower than tall)

Tree notes on 19. #20 - tree weak from mouse injury.

Illustrations:

Tree photographed Neg. No. 45868

Fruit painted None

Fruit modeled

Fruit described None

Disease notes by J. W. Roberts:

VARIETY APPLE ORCHARD
Arlington Farm

264

Variety: *Fulcher (Dr. Fulcher)*

Orchard location: Section *E* Row *17-18* Tree *4*

Arlington Accession No. *4302*

Pom. No. 28373

Year -	Date Picked	Pomology Number	Year -	Date Picked	Pomology Number
1922 -	<i>9/1</i>	<i>102487</i>	1927 -	<i>9/22</i>	<i>109476</i>
1923 -	<i>9/8</i>	<i>103902</i>	1928 -		
1924 -	—	—	1929 -		
1925 -	<i>9/25</i>	<i>106957</i>	1930		
1926 -	<i>9/17</i>	<i>108200</i>	1931		

Blossom dates: 1924 - *4/28*, first bloom; *5/6*, past full, but still some buds.
1925 - *4/14*, 25% buds open; *4/20*, past full but still some buds.
1926 - *4/30*, 75% " "
1927 -

Remarks: *Received as scions, March 9, 1903 from Benj. Buckman, Farmington, Ill., under name Dr. Fulcher.*

Characterization: *Medium size, roundish conic. Ground color yellowish, mostly covered with bright red and more or less striping - the latter largely disappearing in the more highly colored fruits! A very heavy overspread of buttermilk, so much so that in some specimens it largely obscures the red color. Dots fairly numerous (sometimes mostly submerged; sometimes pale yellow and conspicuous on red surface, rather conspicuous elsewhere). Skin nearly absent; many specimens Roman skin in country. Flesh tinged yellow, fairly fine grain, very tender, fairly juicy, fairly rich with rather even balance between sugars and acid making it difficult to say which predominates. In season *9/27/29*, overripe *10/2/26*.*

Second sheet, Variety

Fulcher

265

Storage notes:

127/28

Vigor of Tree: Exceptionally strong (average) weak. Size:
Exceptionally large (average) small.

Foliage: Very abundant normal scanty. Leaves: Very large
medium small; Color: Light dark normal.

Habit of Growth: Very upright roundish broad flat spreading.
Central leader: Partially retained disappeared.

Branching:

Main limbs: Very medium long short; Very (medium slender
stout); Medium straight crooked. *well branched*

Secondary limbs: Numerous medium few: Medium slender stout;
Drooping.

Twigs: (Many) medium few; Medium (slender) stout; Long medium
(short) Straight branched twiggy; Medium open
dense; Willowy.

Spurs: Very (many) medium few; Very medium slender stout;
1/2 - (1 - 2) - 3 inch; Mostly (branched) unbranched;

Spur twigs: Few medium many; Terminal bearing mostly
considerable slight none

The impression is a mass of spurs all over the twigs and
General aspect of tree: Medium slender open dense stocky *small*
grower; Top round much broader narrower than tall. *limbs.*

Illustrations:

Tree photographed *Reg. no. 49001*

Fruit painted [#]277994 10/1/06 Fruit modeled

Fruit described [#]27799

Disease notes by ~~J. W. Roberts~~

*Sept 27, 1927 it was noted that a heavy
development of some spot disease
had occurred on the fruit.*

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